CROSSTEX®
A CANTEL MEDICAL COMPANY

ACCUTRON™
Nitrous Oxide/Oxygen Sedation

COMPLETE NITROUS OXIDE/OXYGEN SEDATION SOLUTIONS
EQUIPMENT AND ACCESSORIES CATALOG

Products

Flowmeter Systems & Components & Emergency Oxygen Equipment

Manifold Systems & Central System Schematic

Nasal Masks & Scavenging Systems

Miscellaneous Equipment, Components & Accessories

Diagrams, Templates & Service/Warranty/Returns

NEW

**Our Promise:**
To provide you with a safe and accurate system to relax your patients and monitor their nitrous oxide/ oxygen sedation therapy.

Toll-free: 800.531.2221
Local Phone: 623.780.2020 • Fax: 623.780.0444
www.accutron-inc.com

MADE IN THE U.S.A.
PREMIUM QUALITY

All Accutron products are manufactured in the USA.

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ACCUTRON™
Nitrous Oxide/Oxygen Sedation
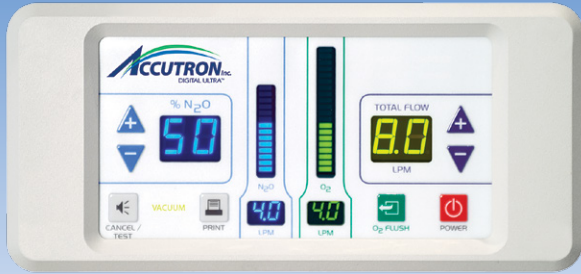
1 Digital Ultra® Flushmount Flowmeter

- N$_2$O Ratio Control with 70% Max.
- Dual Readouts for Each Gas
- Audible & Visual Low O$_2$ Alarms
- Oxygen Fail-safe; Oxygen Flush
- Oxygen Resuscitation Connector
- Directional Check Valve
- Emergency Air Valve
- Space-saving Low Profile Unit
- Mounting Options

Product Specifications

Dimensions (W x H x D) Flushmount Control Module:	9" x 4" x 1 1/2" 23,5 cm x 10,8 cm x 3,8 cm
Dimensions (W x H x D) Remote Main Module:	8" x 4" x 7 1/2" 18,4 cm x 8,9 cm x 19,1 cm
Mounted Dimensions (W x H x D):	9 1/2" x 4 1/4" x 1/4"
Weight Flushmount Control Module:	1.3 lbs (0.6 kg)
Weight Remote Main Module:	6.1 lbs (2.8 kg)
Mixed Gas Outlet Diameter:	7/8" Nominal (22mm)
Oxygen Inlet:	Male DISS (CGA 1240)
Nitrous Oxide Inlet:	Male DISS (CGA 1040)
Nitrous Oxide Mixed Ratio Range:	0-70%
Oxygen Flow Range:	1.0-9.9 LPM
Nitrous Oxide Flow Range:	0-6.9 LPM
Inlet Pressure (each gas):	50-55 psi
Resuscitator Connector:	Quick Connect (1/4" Imperial) at Remote Outlet
Resuscitator Connector Flow:	100 LPM Oxygen
Power Requirements:	100-240 Volt AC; 50-60 Hz

Digital Flushmount

2 27187 / 26679 — **Bag Tee & Remote Block**

3 56855 — **RFS™ Remote Flow System D**

4 36855 — **RFS™ Remote Flow System A**

5 56955 — **Accu-Vac™ Vacuum Controller**

6 43003 — **Scavenging Circuit II (Standard)**

7 43004 — **RFS™-D & Accu-Vac™ Vacuum Controller**

Central Systems

Order No.	Product Description	Retail List
56600	**Digital Ultra® Flushmount Package G** Digital Ultra® Flushmount Flowmeter, Mounting Hardware, Check Valve Risers, Bag Tee, Scavenging Circuit II (standard) (Includes **1 2 6 8**)	$5,918
56800	**Digital Ultra® Flushmount Package H** Digital Ultra® Flushmount Flowmeter, Mounting Hardware, Check Valve Risers, RFS™ Remote Flow System D (with O$_2$ port), RFS™ Flush Panel Mount Faceplate, Scavenging Circuit II (for RFS™-D) (Includes **1 3 7 8**)	$6,199
56800-CHAIR	**Digital Ultra® Flushmount Package H CHAIR** Digital Ultra® Flushmount Flowmeter, Mounting Hardware, RFS™ Remote Flow System A, Oxygen Outlet, O$_2$ and N$_2$O Check Valve Risers, 25' of Vacuum Hose, 25' of Mixed Gas Hose, One 6' N$_2$O Hose, Two 6' O$_2$ Hoses, and Scavenging Circuit II (for RFS™-A) (Includes **1 4 7 8 9**) *Requires separate purchase of appropriate chair brand Chairmount Kit – see pages 31-33 for Chairmount kits*	$6,473
56950	**Digital Ultra® Flushmount Package I** Digital Ultra® Flushmount Flowmeter, Mounting Hardware, Check Valve Risers, Accu-Vac™ Vacuum Controller, Accu-Vac™ Vacuum Controller Flush Panel Mount Faceplate, Scavenging Circuit II (for Accu-Vac™ Vacuum Controller) (Includes **1 5 7 8**)	$6,568

To order Flushmount packages without pre-install kits see page 14.
Scavenging Circuit II includes a complimentary sampling of single-use nasal masks.

Digital Ultra® Flushmount Flowmeter Accessories
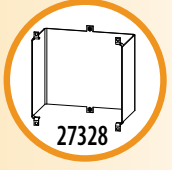
Order No.	Product Description	Retail List
23173-FRU	**O₂ Check Valve Riser** - DISS (for operatory); includes 28085	$139
23174-FRU	**N₂O Check Valve Riser** - DISS (for operatory); includes 28086	$139
25043	**Universal Light Pole Mount Kit for RFS™ - D**	$176
27193	**Bracket for Digital Ultra® Flushmount Flowmeter** (use for mounting flowmeter in wall)	$106
27793	**Oxygen Outlet** (for use with Digital Ultra® Flushmount, RFS™-A & RFS™ Chairmount Kits)	$259
27328	**Main Module Mounting Bracket**	$68
28085	**O₂ DISS x DISS Demand Check Valve Assembly**	$68
28086	**N₂O DISS x DISS Demand Check Valve Assembly**	$68
32015	**Universal Cabinet Slide, Accu-Vac™ Vacuum Controller** (slide mounts to left, right, or under cabinet)	$517
32018	**Universal Cabinet Slide, Digital RFS™ Remote Flow System** (slide mounts to left, right, or under cabinet)	$517
32019	**Universal Cabinet Slide, Digital Bag Tee** (slide mounts to left, right, or under cabinet)	$517
32055	**Surface Mount** for Digital Ultra® Flushmount	$219
54500	**Remote Control** for Digital Ultra® Flowmeter	$467
54700	**O₂ Analyzer**	$501

8 23173-FRU / 23174-FRU

28085 / 28086

9 27793

32055

54500

27328

Universal Cabinet Slides
3 Cabinet Mounting Positions

Top Mount

Left Side Mount

Right Side Mount

32015
Universal Cabinet Slide, Accu-Vac™

32018
Universal Cabinet Slide, Digital RFS™

32019
Universal Cabinet Slide, Digital Bag Tee

CROSSTEX® A CANTEL MEDICAL COMPANY   ACCUTRON™ Nitrous Oxide/Oxygen Sedation

Product Specifications

Dimensions (W x H x D):	7 1/2" x 7" x 8 3/4" 19,1 cm x 17,8 cm x 22,2 cm
Weight:	6.3 lbs
Mixed Gas Outlet Diameter:	7/8" Nominal (22mm)
Oxygen Inlet:	Male DISS (CGA 1240)
Nitrous Oxide Inlet:	Male DISS (CGA 1040)
Nitrous Oxide Mixed Ratio Range:	0-70%
Oxygen Flow Range:	1.0-9.9 LPM
Nitrous Oxide Flow Range:	0-6.9 LPM
Inlet Pressure (each gas):	50-55 psi
Resuscitator Connector:	Quick Connect (1/4" Imperial)
Resuscitator Connector Flow:	100 LPM Oxygen
Power Requirements:	100-240 Volt AC; 50-60 Hz

① Digital Ultra® Flowmeter

- N$_2$O Ratio Control with 70% Max.
- Dual Readouts for Each Gas
- Audible & Visual Low O$_2$ Alarms
- Oxygen Fail-safe; Oxygen Flush
- Oxygen Resuscitation Connector
- Directional Check Valve
- Emergency Air Valve

Height with Flowmeter: 36 3/8"
W x D (with cylinders): 22" x 22"

4-Cylinder Portable System

43003

Scavenging Circuit II (Standard)

Digital Control

Flowmeter Only

Order No.	Product Description	Retail List
51975	**Digital Ultra® Flowmeter** (Includes ①)	$3,752

Portable Systems

Order No.	Product Description	Retail List
56100	**Digital Ultra® Flowmeter Package B** Digital Ultra® Flowmeter 4-Cylinder Portable System Scavenging Circuit II (Includes ① ② ③)	$7,199

Scavenging Circuit II includes a complimentary sampling of single-use nasal masks.

Mobile Stand

4 32005

Height with Flowmeter: 35 3/4"
W x D: 22" x 22"

Adjustable Mobile Stand

5 42005

Height with Flowmeter: 26 3/4" – 37 3/4"
W x D: 22" x 22"

9" Wall Arm

6 32002

16" Bi-fold Wall Arm

7 32001

Telescoping Wall Arm (Extends 12"-17")

8 32003

Central Systems

Order No.	Product Description	Retail List
56200	**Digital Ultra® Flowmeter Package C** Digital Ultra® Flowmeter Mobile Stand & Scavenging Circuit II (Includes **1** **3** **4**)	$4,750
56200-ADJS	**Digital Ultra® Flowmeter Package C ADJS** Digital Ultra® Flowmeter Adjustable Mobile Stand – Short Scavenger Circuit II (Includes **1** **3** **5**)	$ 4,750
56300	**Digital Ultra® Flowmeter Package D** Digital Ultra® Flowmeter 9-inch Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes **1** **3** **6**)	$4,750
56400	**Digital Ultra® Flowmeter Package E** Digital Ultra® Flowmeter 16-inch Bi-fold Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes **1** **3** **7**)	$4,750
56500	**Digital Ultra® Flowmeter Package F** Digital Ultra® Flowmeter Telescoping Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes **1** **3** **8**)	$4,750

Order quick connect hoses for Packages C - F separately (page 33)

Digital Portable

Digital Newport™ Flowmeter System

The **Digital Newport™ Flowmeter System** has all of the operating features of the Digital Ultra® Flowmeter, plus its enclosed 4-cylinder design makes it a user-friendly portable that can easily be moved from operatory to operatory. The unit's height allows it to be stored under counter space that is open below; if not stored its flat surface can function as additional counter space.

Order No.	Product Description	Retail List
51000	**Newport™ Digital Flowmeter System** 4-Cylinder Enclosed Portable Scavenging Circuit II (Includes **1** **2**)	$8,753

Digital Newport™ Flowmeter System

1 Digital Newport™ Flowmeter System

H: 31 3/4"
D: 24"
W: 19 1/4"

2 43003

Scavenging Circuit II (Standard)

Accu-Vac™ Vacuum Controller and RFS™ Remote Flow System not available with Newport™ Digital Flowmeter System

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Nitrous Oxide/Oxygen Sedation

Product Specifications

Dimensions (W x H x D):	9 3/4" x 4 3/4" x 3 1/2" 24,8 cm x 12,1 cm x 8,9 cm
Mounted Dimensions (W x H x D):	9 3/4" x 4 3/4" x 1 1/4" 24,8 cm x 12,1 cm x 3,2 cm (to end of knobs) 9 3/4" x 4 3/4" x 1/4" 24,8 cm x 12,1 cm x 0,6 cm (front plate only)
Weight:	6 lb (2.7 kg)
Mixed Gas Outlet Diameter:	7/8" nominal (22 mm)
Oxygen Inlet:	Male DISS (CGA 1240)
Nitrous Oxide Inlet:	Male DISS (CGA 1040)
Nitrous Oxide Mix Ratio Range:	0-70%
Oxygen Flow Range:	1-10 LPM
Nitrous Oxide Flow Range:	0-7 LPM
Inlet Pressure (each gas):	50-55 PSI
Resuscitator Connector:	Quick Connect (1/4" Imperial)
Resuscitator Connector Flow:	100 LPM Oxygen

1 Ultra PC® % Cabinet Mount Flowmeter

- Single-knob Total Flow Control
- N_2O Ratio Control with 70% Max.
- Oxygen Fail-safe; Oxygen Flush
- Oxygen Resuscitation Connector
- Emergency Air Valve
- Directional Check Valve
- Space-saving Low Profile Unit
- Continuous O_2 & N_2O Flow Tubes
- Neutral Color

RFS™ Chairmount Kits for 36800-CHAIR on pages 31-33

Percent Cabinet Mount

Central Systems

2 26679
Bag Tee

3 36855
RFS™ Remote Flow System A

4 43003
Scavenging Circuit II (Standard)

5 43004
Scavenging Circuit II (RFS™-A)

Order No.	Product Description	Retail List
36600	**Ultra PC® % Cabinet Mount Flowmeter Package G** Ultra PC® % Cabinet Mount Flowmeter Mounting Hardware, Check Valve Risers, Bag Tee, Scavenging Circuit II (standard) (Includes 1 2 4 6)	$4,999
36800	**Ultra PC® % Cabinet Mount Flowmeter Package H** Ultra PC® % Cabinet Mount Flowmeter Mounting Hardware, Check Valve Risers, RFS™ Remote Flow System A, Scavenging Circuit II (for RFS™-A) (Includes 1 3 5 6)	$5,399
36800-CHAIR	**Ultra PC® % Cabinet Mount Flowmeter Pkg. H CHAIR** Ultra PC® % Cabinet Mount Flowmeter, Mounting Hardware, RFS™ Remote Flow System A, O_2 and N_2O Check Valve Risers, 25' of Vacuum Hose, 25' of Mixed Gas Hose, One 6' N_2O Hose, One 6' O_2 Hose, and Scavenging Circuit II (for RFS™-A) (Includes 1 3 5 6) *Requires separate purchase of appropriate chair brand* *RFS™ Chairmount Kit – see pages 31-33 for Chairmount kits*	$5,672

Scavenging Circuit II includes a complimentary sampling of single-use nasal masks.

6

23173-FRU

23174-FRU

O₂ & N₂O
Check Valve Risers

28085

28086

O₂ DISS & N₂O DISS x DISS Demand
Check Valve Assembly

Ultra PC® % Cabinet Mount Accessories

Order No.	Product Description	Retail List
23173-FRU	O₂ Check Valve Riser - DISS includes 28085	$139
23174-FRU	N₂O Check Valve Riser - DISS includes 28086	$139
28085	O₂ DISS x DISS Demand Check Valve Assembly	$68
28086	N₂O DISS x DISS Demand Check Valve Assembly	$68
25043	Universal Light Pole Mount Kit for Remote Flow System (RFS™-A)	$176
32008	Universal Cabinet Slide, Analog Bag Tee (slide mounts to left, right, or under cabinet)	$517
32014	Universal Cabinet Slide, Analog RFS™ (slide mounts to left, right, or under cabinet)	$517

Universal Cabinet Slides
3 Cabinet Mounting Positions

Top Mount

Left Side Mount

Right Side Mount

32008

32014
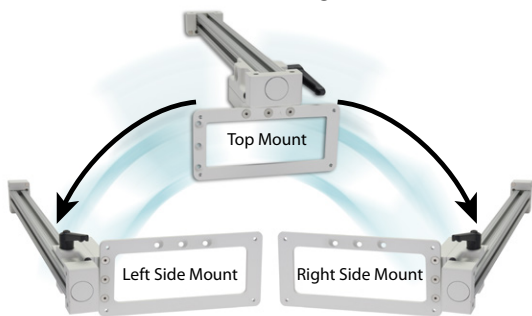
Universal Cabinet
Slide, Analog Bag Tee
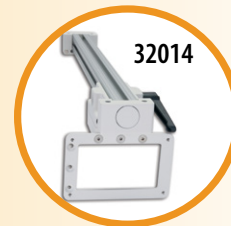
Universal Cabinet Slide,
Remote Flow System (RFS™-A)

Percent Portable

Newport™ Flowmeter System

1 Newport™ Flowmeter System

H: 31 3/4"

Newport

D: 24"

W: 19 1/4"

The **Newport™ Flowmeter System** has all of the operating features of the Ultra PC® % flowmeter, plus its enclosed 4-cylinder design makes it a user-friendly portable that can easily be moved from operatory to operatory. The unit's height allows it to be stored under counter space that is open below; if not stored its flat surface can function as additional counter space.
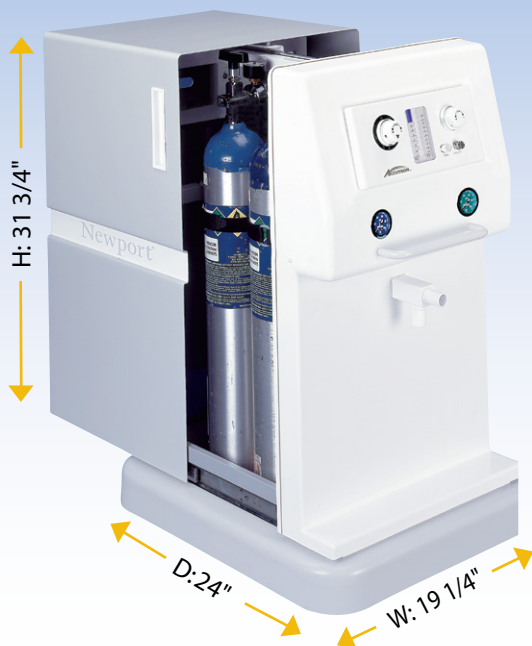
Order No.	Product Description	Retail List
50000	**Newport™ Flowmeter System** 4-Cylinder Enclosed Portable Scavenging Circuit II (Includes **1** **2**)	$7,876

2

43003

Scavenging Circuit II (Standard)

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Nitrous Oxide/Oxygen Sedation

1 Ultra PC® % Flowmeter

- Single-knob Total Flow Control
- N$_2$O Ratio Control with 70% Max.
- Oxygen Fail-safe; Oxygen Flush
- Oxygen Resuscitation Connector
- Emergency Air Valve
- Directional Check Valve
- DISS Inlet Fittings
- Neutral Color

Product Specifications	
Dimensions (W x H x D):	4 1/4" x 10 1/2" x 8"
	11 cm x 27 cm x 20 cm
Weight:	4.5 lb (2.0 kg)
Mixed Gas Outlet Diameter:	7/8" nominal (22 mm)
Oxygen Inlet:	Male DISS (CGA-1240)
Nitrous Oxide Inlet:	Male DISS (CGA-1040)
Nitrous Oxide Mix Ratio Range:	0-70%
Oxygen Flow Range:	1-10 LPM
Nitrous Oxide Flow Range:	0-7 LPM
Inlet Pressure (each gas):	50-55 psi
Resuscitator Connector:	Quick Connect (1/4" Imperial)
Resuscitator Connector Flow:	100 LPM Oxygen

Single-Knob Total Flow Control

2 2-Cylinder Portable System

Height with Flowmeter:
39 3/8"
W x D
(with cylinders):
22" x 22"

3 4-Cylinder Portable System

Height with Flowmeter:
min: 31 3/8"
max: 41 3/8"
W x D
(with cylinders):
22" x 22"

4 Scavenging Circuit II

43003

Flowmeter Only

Order No.	Product Description	Retail List
31975	**Ultra PC® % Flowmeter** (Includes 1)	$2,875

Portable Systems

Order No.	Product Description	Retail List
36000	**Ultra PC® % Flowmeter Package A** Ultra PC® % Flowmeter 2-Cylinder Portable System Scavenging Circuit II (Includes 1 2 4)	$5,691
36100	**Ultra PC® % Flowmeter Package B** Ultra PC® % Flowmeter 4-Cylinder Portable System Scavenging Circuit II (Includes 1 3 4)	$6,270

Scavenging Circuit II includes a complimentary sampling of single-use nasal masks.

Central Systems

| **5** 32005 | Height with Flowmeter: 39 1/4" W x D: 22" x 22" |
| Mobile Stand | |

| **6** 42005 | Height with Flowmeter: 26 3/4" – 40 3/4" W x D: 22" x 22" |
| Adjustable Mobile Stand | |

7 32002
9" Wall Arm

8 32001
16" Bi-fold Wall Arm

9 32003
Telescoping Wall Arm (Extends 12"-17")

10 32004
Universal Cabinet Slide, Ultra PC® % & Ultra DC® Flowmeters

Order No.	Product Description	Retail List
36200	**Ultra PC® % Flowmeter Package C** Ultra PC® % Flowmeter Mobile Stand Scavenging Circuit II (Includes ①④⑤)	$3,978
36200-ADJS	**Ultra PC® % Flowmeter Package C ADJS** Ultra PC® % Flowmeter Adjustable Mobile Stand – Short Scavenger Circuit II (Includes ①④⑥)	$3,978
36300	**Ultra PC® % Flowmeter Package D** Ultra PC® % Flowmeter 9-inch Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes ①④⑦)	$3,978
36400	**Ultra PC® % Flowmeter Package E** Ultra PC® % Flowmeter 16-inch Bi-fold Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes ①④⑧)	$3,978
36500	**Ultra PC® % Flowmeter Package F** Ultra PC® % Flowmeter Telescoping Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes ①④⑨)	$3,978
36500-US	**Ultra PC® % Flowmeter Package U** Ultra PC® % Flowmeter Universal Cabinet Slide, PC/DC (slide mounts to left, right, or under cabinet), and Mounting Adapter 24552 Scavenging Circuit II (Includes ①④⑩)	$3,978

Order quick connect hoses for Packages C - F separately (page 33)

Universal Cabinet Slides, Ultra PC® % & Ultra DC® Flowmeters
3 Cabinet Mounting Positions

Top Mount

Left Side Mount   Right Side Mount

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Nitrous Oxide/Oxygen Sedation

11

1 Ultra DC® Flowmeter

- O₂ Control with On/Off Switch
- Independent O₂ & N₂O Controls
- Oxygen Fail-Safe; Oxygen Flush
- Oxygen Resuscitation Connector
- Emergency Air Valve
- Directional Check Valve
- DISS Inlet Fittings
- Neutral Color

Product Specifications

Dimensions (W x H x D):	4 1/4" x 10 1/2" x 8" 11 cm x 27 cm x 20 cm
Weight:	4.5 lb (2.0 kg)
Mixed Gas Outlet Diameter:	7/8" nominal (22 mm)
Oxygen Inlet:	Male DISS (CGA-1240)
Nitrous Oxide Inlet:	Male DISS (CGA-1040)
Oxygen Flow Range:	3-10 LPM
Nitrous Oxide Flow Range:	0-7 LPM
Inlet Pressure (each gas):	50-55 psi
Resuscitator Connector:	Quick Connect (1/4" Imperial)
Resuscitator Connector Flow:	100 LPM Oxygen

Independent O₂ & N₂O Flow Control

2

Height with Flowmeter:
 39 3/8"
W x D
(with cylinders):
 22" x 22"

2-Cylinder Portable System

3

Height with Flowmeter:
 min: 31 3/8"
 max: 41 3/8"
W x D
(with cylinders):
 22" x 22"

4-Cylinder Portable System

4

43003

Scavenging Circuit II

Flowmeter Only

Order No.	Product Description	Retail List
31980	**Ultra DC® Flowmeter** (Includes **1**)	$2,040

Portable Systems

Order No.	Product Description	Retail List
46000	**Ultra DC® Flowmeter Package A** Ultra DC® Flowmeter 2-Cylinder Portable System Scavenging Circuit II (Includes **1** **2** **4**)	$4,752
46100	**Ultra DC® Flowmeter Package B** Ultra DC® Flowmeter 4-Cylinder Portable System Scavenging Circuit II (Includes **1** **3** **4**)	$5,376

Scavenging Circuit II includes a complimentary sampling of single-use nasal masks.

Central Systems

(5) 32005

Mobile Stand

Height with Flowmeter: 39 1/4"
W x D: 22" x 22"

(6) 42005

Adjustable Mobile Stand

Height with Flowmeter: 29 3/4" – 40 3/4"
W x D: 22" x 22"

(7) 32002

9" Wall Arm

(8) 32001

16" Bi-fold Wall Arm

(9) 32003

**Telescoping Wall Arm
(Extends 12"-17")**

(10) 32004

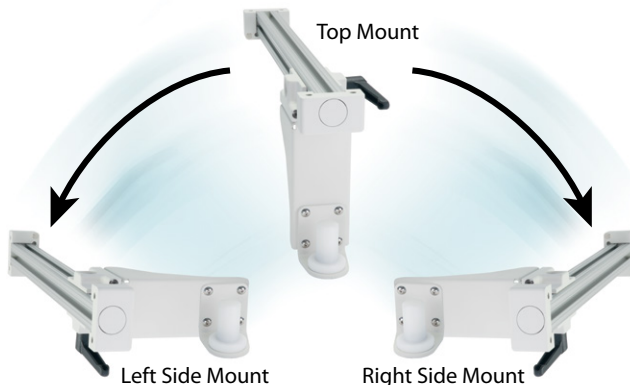**Universal Cabinet Slide, Ultra PC® %
& Ultra DC® Flowmeters**

Order No.	Product Description	Retail List
46200	**Ultra DC® Flowmeter Package C** Ultra DC® Flowmeter Mobile Stand Scavenging Circuit II (Includes (1)(4)(5))	$3,127
46200-ADJS	**Ultra DC® Flowmeter Package C ADJS** Ultra DC® Flowmeter Adjustable Mobile Stand – Short Scavenger Circuit II (Includes (1)(4)(6))	$ 3,127
46300	**Ultra DC® Flowmeter Package D** Ultra DC® Flowmeter 9-inch Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes (1)(4)(7))	$3,127
46400	**Ultra DC® Flowmeter Package E** Ultra DC® Flowmeter 16-inch Bi-fold Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes (1)(4)(8))	$3,127
46500	**Ultra DC® Flowmeter Package F** Ultra DC® Flowmeter Telescoping Wall Arm & Mounting Adapter 24552 Scavenging Circuit II (Includes (1)(4)(9))	$3,127
46500-US	**Ultra DC® Flowmeter Package U** Ultra DC® Flowmeter Universal Cabinet Slide, PC/DC (slide mounts to left, right, or under cabinet), and Mounting Adapter 24552 Scavenging Circuit II (Includes (1)(4)(10))	$3,127

Order quick connect hoses for Packages C - U separately (page 33)

Universal Cabinet Slides, Ultra PC® % & Ultra DC® Flowmeters
3 Cabinet Mounting Positions

Top Mount

Left Side Mount

Right Side Mount

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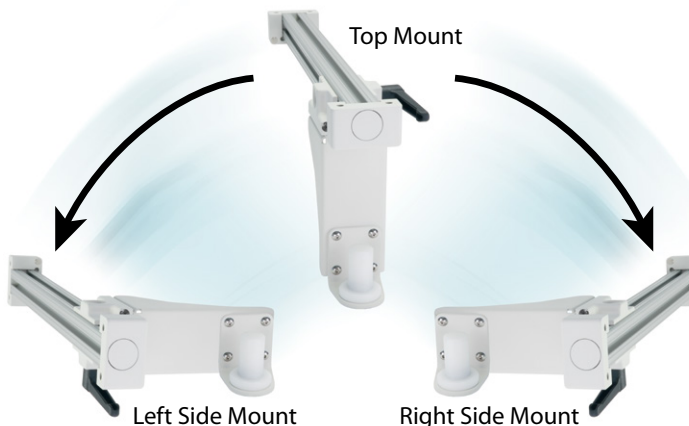
Ultra PC® % Cabinet Mount Flowmeter

Digital Ultra® Flushmount Flowmeter

Flowmeters without Pre-installation Kits

Order No.	Product Description	Retail List
	Cabinet Mount Flowmeters (without pre-installation kits):	
36600-NS	Ultra PC® % Cabinet Mount Flowmeter Pkg. G (includes mounting hardware)	$4,766
36800-NS	Ultra PC® % Cabinet Mount Flowmeter Pkg. H (includes RFS™ Remote Flow System & mounting hardware)	$5,173
	Digital Flushmount Flowmeters (without pre-installation kits):	
56600-NS	Digital Ultra® Flushmount Flowmeter Pkg. G (includes mounting hardware)	$5,637
56800-NS	Digital Ultra® Flushmount Flowmeter Pkg. H (includes mounting hardware, Remote Flow System & RFS™ Flush Mount Faceplate)	$5,972
56950-NS	Digital Ultra® Flushmount Flowmeter Pkg. I (includes mounting hardware, Accu-Vac™ Vacuum Controller & Accu-Vac™ Flush Mount Faceplate)	$6,287

23173-FRU

28085

23174-FRU

28086

Flowmeter Pre-installation Kit Components

Order No.	Product Description	Retail List
	Pre-Installation Components:	
23173-FRU	O_2 Check Valve Riser - DISS (for operatory); includes 28085	$139
23174-FRU	N_2O Check Valve Riser - DISS (for operatory); includes 28086	$139
28085	O_2 DISS x DISS Demand Check Valve Assembly	$68
28086	N_2O DISS x DISS Demand Check Valve Assembly	$68

54500

54600

24552

32001

32002

32003

32004

Central System Operatory Components & Accessories

Order No.	Product Description	Retail List
	Digital Ultra® Flowmeter Accessories:	
54500	Remote Control for Digital Ultra® Flowmeter	$467
54600	Printer for Digital Ultra® Flowmeter	$625
54650	Printer Paper for Digital Ultra® Flowmeter (10 rolls)	$59
54700	O_2 Analyzer	$501
	Flowmeter Mounts:	
24552	Mounting Adapter for Flowmeters (replacement)	$71
32001	16" Bi-fold Wall Arm & Mounting Adapter 24552	$439
32002	9" Wall Arm & Mounting Adapter 24552	$410
32003	Telescoping Wall Arm (extends 12" – 17") & Mounting Adapter 24552	$433
32004	Universal Cabinet Slide, PC/DC (slide mounts to left, right, or under cabinet), includes Mounting Adapter 24552	$517

Central System Operatory Components & Accessories (continued)

Order No.	Product Description	Retail List
	Flowmeter Mounts (continued):	
32005	Mobile Stand (W x D: 22" x 22" H: 31 1/2")	$439
32010	Portable and Mobile Stand Adaptor – Digital Ultra®, Ultra PC® % & Ultra DC® Flowmeters to Porter™ Flowmeter	$65
32011	Wall Arm Adaptor – Ultra to Matrx® Wall Arms	$65
32021	Wall Bracket with Flowmeter Mounting Post	$225
32055	Surface Mount for Digital Ultra® Flushmount (flowmeter not included)	$219
42005	Adjustable Mobile Stand – Short (W x D: 22" x 22" H: 19 1/2 - 30")	$439

32005

32055

42005

Portable System Manifolds & Components

Order No.	Product Description	Retail List
20107	E Cylinder Wrench	$21
24494	Replacement E Washers (pkg. of 10)	$23
24549	E Yoke Handle	$38
32010	Portable and Mobile Stand Adaptor – Accutron™ Digital Ultra®, Ultra PC® % & Ultra DC® Flowmeters to Porter™ Flowmeter	$65
42000	2-Cylinder Non-Digital Portable Manifold	$2,337
44000	4-Cylinder Non-Digital Portable Manifold	$3,064

2-Cylinder
42000

4-Cylinder
44000

CROSSTEX
A CANTEL MEDICAL COMPANY

ACCUTRON
Nitrous Oxide/Oxygen Sedation

15

1 519750S

Digital Ultra® Flowmeter

2 566000S

Digital Ultra® Flushmount Flowmeter

3 47000

Adult full facemask, Hanks elbow with pop-off, directional Y valve & corrugated tube

4 43003

Scavenging Circuit II

Digital Ultra® Oral Surgery Flowmeter

Order No.	Product Description		Retail List
56100-OS	**Portable Packages** 4-Cylinder Portable (includes portable manifold) Height with Flowmeter: 36 3/8" W x D: 22" x 22"	1 3 4	$8,666
56200-OS	**Central Packages** Mobile Stand Height with Flowmeter: 36 3/8" W x D: 22" x 22"	1 3 4	$5,914
56200-OS-ADJT	Adjustable Mobile Stand – Tall Height with Flowmeter: 36 3/8" - 47 3/8" W x D: 22" x 22"	3 4 5	$5,914
56300-OS	9" Wall Arm	1 3 4	$5,914
56400-OS	16" Bi-fold Wall Arm	1 3 4	$5,914
56500-OS	Telescoping Wall Arm	1 3 4	$5,914
56600-OS	Flushmount	2 3 4	$7,081

5 319750S

Ultra PC® % Flowmeter

6 366000S

Ultra PC® % Cabinet Mount Flowmeter

Ultra PC® % Oral Surgery Flowmeter

Order No.	Product Description		Retail List
36000-OS	**Portable Packages** 2-Cylinder Portable (includes portable manifold) Height with Flowmeter: 39 3/8" W x D: 22" x 22"	3 4 5	$6,854
36100-OS	4-Cylinder Portable (includes portable manifold) Height with Flowmeter: 39 3/8" W x D: 22" x 22"	3 4 5	$7,541
36200-OS	**Central Packages** Mobile Stand Height with Flowmeter: 39 3/8" W x D: 22" x 22"	3 4 5	$5,142
36200-OS-ADJT	Adjustable Mobile Stand – Tall Height with Flowmeter: 39 3/8" - x 50 3/8" W x D: 22" x 22"	3 4 5	$5,142
36300-OS	9" Wall Arm	3 4 5	$5,142
36400-OS	16" Bi-fold Wall Arm	3 4 5	$5,142
36500-OS	Telescoping Wall Arm	3 4 5	$5,142
36600-OS	Cabinet Mount	3 4 5	$6,210

Ultra DC® Oral Surgery Flowmeter

Order No.	Product Description		Retail List
46000-OS	**Portable Packages** 2-Cylinder Portable (includes portable manifold) Height with Flowmeter: 39 3/8" W x D: 22" x 22"	3 4 7	$5,915
46100-OS	4-Cylinder Portable (includes portable manifold) Height with Flowmeter: 39 3/8" W x D: 22" x 22"	3 4 7	$6,539
46200-OS	**Central Packages** Mobile Stand Height with Flowmeter: 39 3/8" W x D: 22" x 22"	3 4 7	$4,289
46200-OS-ADJT	Adjustable Mobile Stand – Tall Height with Flowmeter: 39 3/8" - 50 3/8" W x D: 22" x 22"	3 4 7	$4,289
46300-OS	9" Wall Arm	3 4 7	$4,289
46400-OS	16" Bi-fold Wall Arm	3 4 7	$4,289
46500-OS	Telescoping Wall Arm	3 4 7	$4,289

319800S

Ultra DC® Flowmeter

Oral Surgery Accessories

Order No.	Product Description	Retail List
47000	Oral Surgery Accessories Package	$1,163
23854	Universal Female Adapter (22 mm male x 15 mm female)	$22
47050	Directional Y Valve	$715
47075	Hanks Elbow with Pop-off	$322
33014	Corrugated Tube – 3-foot Grey	$50
22137	Corrugated Tube – 6-Foot Grey	$75
33029-10	Pediatric Cannula with 7' Tubing (pkg. of 10)	$80
33030-10	Adult Cannula with 7' Tubing (pkg. of 10)	$80
38008	Full Facemask – Adult	$86
38009	Full Facemask – Child	$86
42006	Adjustable Mobile Stand - Tall H: 28 1/4" - 40" W x D: 22" x 22"	$489
43034-9	CO_2 Capnography Single-Use Nasal Masks - Large Adult Unscented Grey (pkg. of 12)	$100
43034-16	CO_2 Capnography Single-Use Nasal Masks - Large Adult Fresh Mint	$100
43035-9	CO_2 Capnography Single-Use Nasal Masks - Adult Unscented (pkg. of 12)	$100
43035-14	CO_2 Capnography Single-Use Nasal Masks - Adult Vanilla (pkg. of 12)	$100
43037-9	CO_2 Capnography Single-Use Nasal Masks - Pediatric Unscented (pkg. of 12)	$100
43037-12	CO_2 Capnography Single-Use Nasal Masks - Pediatric Bubblegum (pkg. of 12)	$100

47050

47000

33029-10

47075

38008

33014

Rubber Goods are **Not made with natural rubber latex**

38009

33030-10

43035-9

43035-14

43037-9

43037-12

CROSSTEX A CANTEL MEDICAL COMPANY

ACCUTRON Nitrous Oxide/Oxygen Sedation

17

Oral Surgery Suction Accessories

Order No.	Product Description	Retail List
34014	Surgical E-Vac Kit Includes: Five 1500 ml single-use canisters, wall mount plate and mounting hardware (requires vacuum outlet 34011)	$1,227
34016	Replacement Canisters for Surgical E-Vac Kit Includes: Five 1500 ml single-use canisters	$88
26986	6' Tubing – 3/8" ID, Clear PVC	$44
26987	Canister Holder	$56
26988	Vacuum Regulator	$551
34017	Vacuum Regulator Mounting Bracket (for 26988)	$98
26989	Vacuum Slide	$78
34011	Recessed Q/C Vacuum Outlet	$271

Emergency Oxygen Equipment

Order No.	Product Description	Retail List
38013	Deluxe Portable Oxygen System Includes: Demand Valve with O_2 Q/C Fitting, Adult Facemask, Adjustable Liter Flow Regulator, In-line O_2 Adapter, Cylinder Wrench, & Cart (gas cylinder not included)	$1,599
38010	Portable Oxygen System Includes: Demand Valve with O_2 Q/C Fitting, Adult Facemask, Cylinder Wrench, & Cart (gas cylinder not included)	$1,300
38006	Portable Oxygen System Includes: Bag, Valve, Mask (Manual Resuscitator), Oxygen Tube, Cylinder Wrench, & Cart (gas cylinder not included)	$843
38011	Demand Valve Resuscitator Includes: Demand Valve, 6' O_2 Hose, O_2 Male Q/C Fitting	$769
38007	Manual Resuscitator with Bag, Valve, Mask & Oxygen Tube	$313
38008	Full Facemask – Adult Replacement part for Demand Valve, Manual Resuscitator & Oral Surgery System	$86
38009	Full Facemask – Child Replacement part for Demand Valve, Manual Resuscitator & Oral Surgery System	$86
20526	E Cylinder Mobile Cart	$234
35018	Deluxe E Yoke Regulator with Adjustable Liter Flow O_2 Fitting, DISS Fitting, Cylinder Content Gauge	$585
35013	E Yoke Regulator with DISS Fitting and Cylinder Content Gauge	$469
23551	E Yoke Regulator with Flow Control Knob	$469

Emergency Oxygen Equipment (continued)

Order No.	Product Description	Retail List
24589	Oxygen DISS with O_2 Barb Fitting (green nut & nipple)	$7
35014-U	Oxygen Liter-Flow (for use with oxygen outlets that do not have a hex nut)	$152
34018	Oxygen Liter-Flow Mounting Bracket (for 35014-U)	$98
35014-HL	Oxygen Liter-Flow Meter (for use with oxygen outlets that have a hex nut, including stand-alone outlet 27793)	$152
35015	Oxygen Liter-flow Selector Valve with Bracket (0-15 lpm) with O_2 Barb & O_2 Q/C Fitting (p/n 27775)	$629
35016	Oxygen Liter-flow Selector Valve without Bracket (0-15 lpm) with O_2 Barb & O_2 Q/C Fitting (p/n 27958)	$629
35017	Oxygen Liter-flow Selector Valve with 90° Ell (0-15 lpm) with O_2 Barb, Set-up for RFS™- D Remote Flow System D	$629
26849	Oxygen Fitting – DISS with Female Q/C	$92
27253	Oxygen Fitting – DISS with Male Q/C with Bracket	$92
27254	Oxygen Fitting – DISS with Male Q/C without Bracket	$92
27775	Oxygen Fitting – 1/8" Male Pipe Thread with Male Q/C with Bracket	$92
27958	Oxygen Fitting – 1/8" Male Pipe Thread with Male Q/C without Bracket	$92
27793	Oxygen Outlet – DISS with Female Q/C	$259
33029-10	Pediatric Nasal Cannula with 7' Tubing (curved tips; *Non-Latex; 10 per pkg.)	$80
33030-10	Adult Nasal Cannula with 7' Tubing (curved tips; *Non-Latex; 10 per pkg.)	$80

*Not made with natural rubber latex

Oxygen Male Q/C (MQC) Chart

Connectors / Outlets	O_2 Outlet	Micro O_2	Micro Double	Micro Triple	RFS™-A	RFS™-D	Accu-Vac™	Ultra PC® CM	Ultra PC®/DC®	Newport™
O_2 DISS x MQC w/ Bracket p/n 27253		x			x	x	x	x	x	
1/8" MPT x MQC w/ Bracket p/n 27775		x			x	x *	x	x	x	
O_2 DISS x MQC w/o Bracket p/n 27254	x	x	x	x	x	x	x	x	x	x
1/8" MPT x MQC w/o Bracket p/n 27958	x	x	x	x	x	x	x	x	x	x

* Note: 35017 O_2 Selector Valve can be attached to system if bag tee is removed, or adding a 90° "ell" and nipple will angle Selector Valve up and out of the way of the bag tee.

CROSSTEX A CANTEL MEDICAL COMPANY   ACCUTRON Nitrous Oxide/Oxygen Sedation

Digi-Flo®
Automatic Manifold System

Digital Automatic Manifold/Alarm System
Pre-install mounting bracket allows effortless installation!

Product Specifications

Dimensions with Cover:	18" x 9" x 3"
	46 cm x 23 cm x 8 cm
Working Pressure:	50-55 psi
Hose Length:	4 ft.
N2O Outlet:	N_2O DISS
O2 Outlet:	O_2 DISS
Primary Voltage:	120 volts
Cable:	Category 6, Shielded, Ethernet 4 twisted pr.,
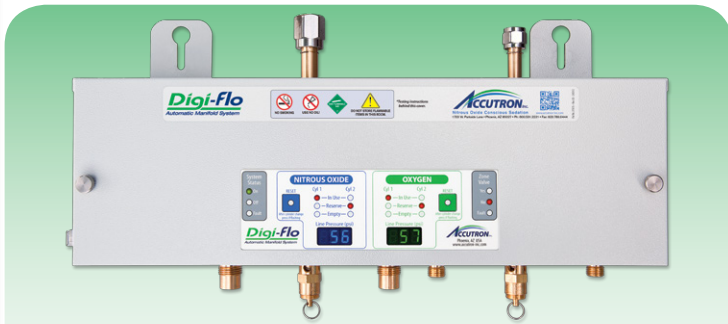
- Automatic cylinder changeover
- Alarm with audio and visual warnings
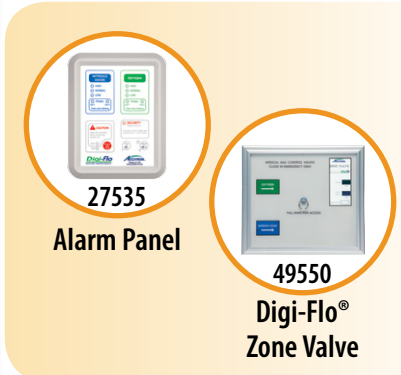- Single or multiple zone valve and/or alarm panel capacity
- Clear and precise LED numeric line pressure readings
- Easily accessible components; field upgradeable software
- Optional conduit adapter box available if local codes require wiring inside conduit

27535
Alarm Panel

49550
Digi-Flo® Zone Valve

Zone Valve required when in remote location.

Manifold Package Contents:
Manifold with pressure gauges & high/low pressure alarm switches, system indicator panel, 4 cylinder regulators (2 O_2 & 2 N_2O), four 4 ft. DISS hoses (2 O_2 & 2 N_2O), wall or desk office control panel, cylinder restraints and optional security system.

Digi-Flo® Manifolds and Valves with Pre-Install Kits

Order No.	Product Description	Retail List
49150	**Digi-Flo® Automatic Switching Manifold/Alarm Pkg. A - Desk Alarm Panel** (includes pre-install kit)	$6,075
49250	**Digi-Flo® Automatic Switching Manifold/Alarm Pkg. B - Wall Alarm Panel** (includes pre-install kit)	$6,075
49350	**Digi-Flo® Automatic Switching Manifold/Alarm Pkg. C - Desk Alarm Panel & Security System** (includes pre-install kit)	$6,781
49450	**Digi-Flo® Automatic Switching Manifold/Alarm Pkg. D - Wall Alarm Panel & Security System** (includes pre-install kit)	$6,781
49550	**Digi-Flo® Zone Valve**	$1,489
27985-FRU	**Digi-Flo® Optional Conduit Kit**	$276
27954-FRU	**Matrx® Manifold Adapter Kit**	$110

See page 35 for other manifold components.

Digi-Flo® Manifolds and Alarms without Pre-Install Kits

Order No.	Product Description	Retail List
49150-NP	Manifold with Desk Alarm Panel Pkg. A	$5,855
49250-NP	Manifold with Wall Alarm Panel Pkg. B	$5,855
49350-NP	Manifold with Desk Alarm Panel & Security System Pkg. C	$6,560
49450-NP	Manifold with Wall Alarm Panel & Security System Pkg. D	$6,560

Digi-Flo® Manifold Pre-Install Kits

Order No.	Product Description	Retail List
49051	Pre-installation Kit for Digi-Flo® Automatic Manifold Pkgs. A & C Contents: Manifold template, manifold mounting plate assembly with brass risers, 100 ft. cable, wall outlet box for desk alarm panel connection	$221
49052	Pre-installation Kit for Digi-Flo® Automatic Manifold Pkgs. B & D Contents: Manifold template, manifold Mounting plate assembly with brass risers, 100 ft. cable, outlet box and mounting bracket for wall alarm panel	$221
49053	Pre-Install Kit for Digi-Flo® 2nd Wall Alarm	$110
49054	Digi-Flo® 2nd Wall Alarm (includes splinter for 2nd alarm)	$772
49054-S	Digi-Flo® 2nd Wall Alarm with Security System (includes splinter for 2nd alarm)	$827

Guardian Monitor® Conventional Manifold/ Alarm System

- Manual cylinder changeover
- Pressure relief valve
- Alarm with audio and visual warnings
- Accommodates G & H cylinders
- Zone valve pkg. available

Product Specifications

Dimensions with Cover:	15" x 8 1/2" x 3 1/2" 38 cm x 22 cm x 9 cm
Working Pressure:	50-55 psi
Hose Length:	3 ft.
N2O Outlet:	N_2O DISS
O2 Outlet:	O_2 DISS
Primary Voltage:	120 volts
Cable:	Category 5, Ethernet 4 twisted pr., RJ-45 end connectors

39550
Zone Valve

Guardian Monitor® Manifold and Alarms with Pre-Install Kits

Order No.	Product Description	Retail List
38002	**Manifold with Wall Alarm System A – 2 O_2 + 2 N_2O** (includes pre-install kit)	$4,377
38003	**Manifold with Desk Alarm System B – 2 O_2 + 2 N_2O** (includes pre-install kit)	$4,377
38004	**Manifold with Wall Alarm System C – 2 O_2 + 1 N_2O** (includes pre-install kit)	$3,939
38005	**Manifold with Desk Alarm System D – 2 O_2 + 1 N_2O** (includes pre-install kit)	$3,939
39550	**Zone Valve** (for Guardian Monitor® Conventional)	$1,391

Note: Zone valve required when manifold is in a remote location.

See page 35 for other manifold components.

Manifold Package Contents:
Manifold with pressure gauges & high/low pressure alarm switches, 3 or 4 cylinder regulators (2 O_2 & 1 or 2 N_2O), three or four 4 ft. DISS hoses (2 O_2 & 1 or 2 N_2O), power supply, wall or desk office control panel and cylinder restraints.

Guardian Monitor® Manifold and Alarms without Pre-Install Kits

Order No.	Product Description	Retail List
38002-NP	Conventional Manifold/Wall Alarm System A (2+2)	$4,245
38003-NP	Conventional Manifold/Desk Alarm System B (2+2)	$4,245
38004-NP	Conventional Manifold/Wall Alarm System C (2+1)	$3,805
38005-NP	Conventional Manifold/Desk Alarm System D (2+1)	$3,805
39550	Zone Valve (for Guardian Monitor® Conventional)	$1,391

Guardian Monitor® Manifold and Alarms Pre-Install Kits

Order No.	Product Description	Retail List
38051	Pre-Installation Kit for Guardian Monitor® Conventional Manifold System B & D Contents: Manifold template, copper pipe risers, 100 ft. cable, outlet box for desk control panel	$132
38052	Pre-Installation Kit for Guardian Monitor® Conventional Manifold System A & C Contents: Manifold template, copper pipe risers, 100 ft. cable, outlet box for wall control panel	$132

38051
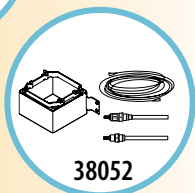
38052

Mains and branches in piping systems shall be not less than 1/2" nominal size.

← 6 1/2" →

Two alarm panels can be used

Wall Mount Office Alarm Panel

CAT6 cable to Zone Valve (100')

Zone Valve

CAT6 Cable (shielded & grounded) to Office Alarm Panel (100')

Desk Mount Office Alarm Panel

Copper to copper joints shall be braised using copper-phosphorus or copper phosphorus-silver brazing filler metal (B cup series) without flux with at least 1000˚ F. melting point. While being brazed, joints shall be continually purged with oil-free dry nitrogen. The flow of purge gas shall be maintained until the joint is cool to touch.

Dental Office Area

Cylinder Storage Area (Central System Manifold Room)

CAT6 Cable to Alarm Panel

CAT6 Cable to Zone Valve

110 volt outlet within 6'

Pressure Relief Valve (N₂O)

Pressure Relief Valve (O₂)

N₂O DISS Hose (4 feet)

O₂ DISS Hose (4 feet)

O₂ Regulator

N₂O Regulator

5' (60") AFF (Above Finished Floor)

Nitrous Oxide

Nitrous Oxide

Oxygen

Oxygen

Cylinder Restraints

Nitrous Oxide Supply

Oxygen Supply

Outlet Stations

Option 1

O$_2$ Pipeline Copper
1/2" O.D.

N$_2$O Pipeline Copper
3/8" O.D.

Option 2

Outlet Requirements:
Each outlet station for medical gas with threaded (DISS) or non-interchangeable quick connect coupler shall be gas specific and shall consist of a primary and secondary valve.

To Vac.
Pipeline
Copper
1/2" O.D.

N$_2$O   O$_2$ VAC

N$_2$O   O$_2$ VAC

ACCUTRON

Dual and Triple Micro Outlets are perfect companions for flowmeter systems that are mounted in a cabinet, like the Digital Ultra® Flushmount and the Ultra PC® % Cabinet Mount. The Micros can rest on a shelf or the floor of a base cabinet and o er flexibility that isn't always possible with a permanently mounted outlet station.

Control
Module
with
Bracket

Digital RFS®

Main Module
(Gas Supply)

Treatment Area

Level III Medical Gas systems must be installed by a qualified medical gas installer and in compliance with NFPA 99 requirements.

Cylinder Storage Room Requirements:

No more than 3000 cubic feet of gas connected and in storage at one time (excluding nitrogen). Cylinders should be stored in a locked room or cabinet.

• A separate regulator for each gas cylinder
• A pressure relief valve set at 75 psi
• A check valve down stream of each regulator
• System line pressure set at 50 psi
• When the supply system is remote, the switchover shall be automatic

Flexible tubing must not go through wall(s) or partition(s) and have a minimum burst pressure of 1000 psi. When nonflammable gas supply (N$_2$O-O$_2$) cylinders are located inside building, they should be in a separate room or enclosure, and separated from the rest of the building by not less than one-hour fire-resistant construction. Two vents of not less than 72 square inches in area should be included. One vent within 6 inches of the floor and one vent within 6 inches of the ceiling. Exception: When an exterior wall cannot be provided see code for require-ments. Openings between room or enclosure and interior shall be self-closing smoke and draft control, having a fire protection rating of not less than one hour.

All information provided is intended to assist in the installation of the medical gas system. It is not intended to be complete or eliminate the need to reference NFPA 99 regulations.

General Piping Requirements:

Tubes, valves, fittings, outlet stations and other piping components in medical gas systems shall have been cleaned for oxygen service prior to installation. Piping shall be hard-drawn seamless medical gas tube, type K or L (ASTM B819), and bear one of the following markings: OXY, MED, OXY/MED. ACR/OXY or ACR/MED. Piping for non-flammable medical gas systems shall be suitable for oxygen service. Each length of tube shall be permanently labeled and delivered plugged and capped. Fittings, valves and other devices shall be sealed and marked. The installer shall furnish documentation certifying that all installed piping materials comply with the requirements and that the plumber has the appropriate medical gas license.

Testing Requirements:

Piping Integrity and System Verification Final Testing include:

• Initial Pressure Test
• Blow Down
• Piping Purge
• Static Pressure Test
• Pressure Relief Test
• Cross Connection Test
• Alarm Testing for Gas System

Refer to NFPA 99. The responsible facility authority will review all inspection and testing prior to the use of all systems covered by this requirement.

Note: At the time of this printing, NFPA 2005, 2012, and 2015 are in use in North America. It is important to consult with your local municipality to confirm which codes(s) they have currently adapted.
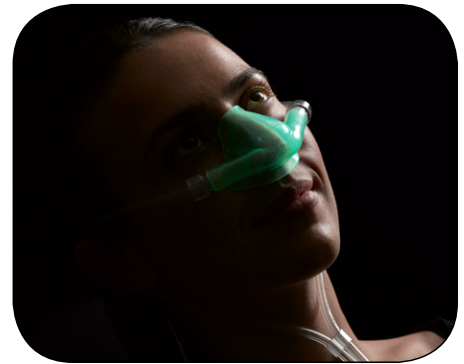
CROSSTEX®
A CANTEL MEDICAL COMPANY

ACCUTRON™
Nitrous Oxide/Oxygen Sedation

Axess™ Low Profile Nasal Masks

- Single-use
- 2 soothing scents
- Plus unscented
- Large, medium & small sizes
- 24 nasal masks per package
- Non-Latex* components
- Made in the USA

*Not made with natural rubber latex

"It really does smell like bubblegum!"

Axess is the only N_2O/O_2 mask available in two scents (Birthday Bubblegum and Fresh Mint) as well as an unscented option.

FREE SAMPLES!
Call us at 800-531-2221
or go to
WWW.ACCUTRON-INC.COM

AXESS™
LOW PROFILE NASAL MASK

PATIENT COMFORT AND CLINICAL EFFICIENCY – A PERFECT COMBINATION!

- Low profile – offers better visibility and easier access to patient's mouth than other nasal masks
- Single-Use – minimizes cross-contamination; saves staff time
- Two scents (Bubblegum and Mint) and unscented for scent-sensitive patients – engages patient in mask selection
- Contoured design around mask – provides a good seal minimizing ambient nitrous oxide and gas flow into patient's eyes
- No tube protruding into patient nostril and no tape at nose – fits comfortably and snug
- Translucent colors and clear mask – shows patient properly breathing through their nose and mask fogs upon exhalation
- Slender, lightweight scavenging circuit tubing – reduces drag and pull with patient movement diminishing mask displacement; allows an unobstructed view of the oral cavity (purchase Axess scavenging circuit separately)

Axess™ Low Profile Nasal Mask

Order No.	Product Description	Retail List
53037-9	Small Unscented Clear	$140
53037-12	Small Birthday Bubblegum	$140
53037-16	Small Fresh Mint	$140
53035-9	Medium Unscented Clear	$140
53035-12	Medium Birthday Bubblegum	$140
53035-16	Medium Fresh Mint	$140
53034-9	Large Unscented Clear	$140
53034-12	Large Birthday Bubblegum	$140
53034-16	Large Fresh Mint	$140

AXESS™ Single-Use Nasal Masks (24 per pkg.)
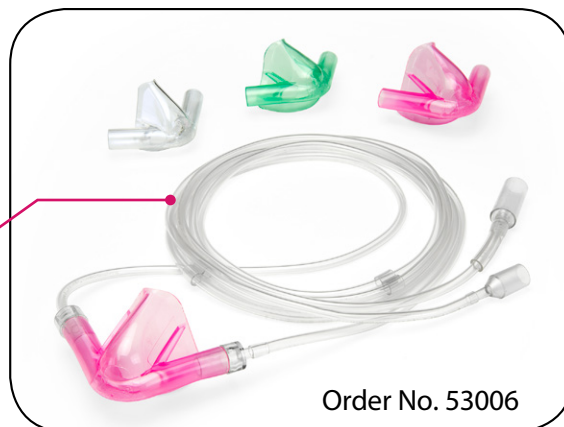
AXESS™
LOW PROFILE NASAL MASK

THE CIRCUIT CAN BE **STEAM-STERILIZED**, WHICH MEANS IT'S ENVIRONMENTALLY FRIENDLY AND COST EFFECTIVE!

The slender and lightweight tubing of the Axess Scavenging Circuit goes hand-in-hand with the design of the Axess Low Profile Mask:

• More comfortable for patients
• Increases the clinician's field of view
• Allows clinician unobstructed access to the oral cavity
• Minimizes drag and pull, so nasal mask stays in place
• Not made from natural rubber latex
• Made in the USA

And...instead of the circuit's tubing wrapping behind the patient's head and the chair, the slender tubing wraps behind the patient's ears and is secured by a slider under the chin.

Order No. 53006

Scavenging Circuit for RFS™ Remote Flow System and Accu-Vac™ Vacuum Controller

Order No. 53005

Scavenging Circuit for In-line Vacuum Controller

Axess™ Scavenging Circuits

Order No.	Product Description	Retail List
53005	**Axess™ Scavenging Circuit for In-line Vacuum Controller** Includes 6-foot long low profile scavenging circuit with In-line vacuum controller, complimentary low profile nasal mask assortment, adapters for connecting most non-Accutron vacuum controllers, instructions for use and reprocessing.	$300
53006	**Axess™ Scavenging Circuit for RFS™ Remote Flow System and Accu-Vac™ Vacuum Controller** Includes 6-foot long low profile scavenging circuit (to be used with RFS and Accu-Vac™ Vacuum Controllers – not provided), complimentary low profile nasal mask assortment, adapters for connecting most non-Accutron vacuum controllers, instructions for use and reprocessing.	$250

CROSSTEX® A CANTEL MEDICAL COMPANY

ACCUTRON™ Nitrous Oxide/Oxygen Sedation

25

ClearView™ Nasal Masks

- Single-use
- 6 soothing scents
- Plus unscented
- Adult & Pediatric sizes
- 12 nasal Masks per package
- Non-Latex* components
- Made in the USA

*Not made with natural rubber latex

Now you can actually see your patient breathing through their nose.

Secure Female Luer-Lok Sample Line Connection

Connect to capnography monitor sample line and verify patient end-tidal CO_2

ClearView
SINGLE-USE NASAL MASKS

The nasal mask that actually demonstrates that your patient is breathing through their nose!

- Mask-in-mask design minimizes ambient nitrous oxide in operatory
- Clear outer mask shows "breathing through nose" respiration (condensation appears in mask)
- Soft inner mask creates improved facial seal
- Low profile expands clinical field of view
- Single-use minimizes cross-contamination; saves staff time
- Appealing colors & scents engage & relax patients
- Can be used with other brands of scavenging circuits

ClearView™ Single-Use Nasal Masks

Order No.	Product Description	Retail List
33034-9	Large Adult Unscented Grey	$70
33034-10	Large Adult Outlaw Orange	$70
33034-14	Large Adult French Vanilla	$70
33034-16	Large Adult Fresh Mint	$70
33035-9	Adult Unscented Grey	$70
33035-10	Adult Outlaw Orange	$70
33035-12	Adult Birthday Bubblegum	$70
33035-14	Adult French Vanilla	$70
33035-16	Adult Fresh Mint	$70
33037-9	Pediatric Unscented Grey	$70
33037-10	Pediatric Outlaw Orange	$70
33037-11	Pediatric Sassy Strawberry	$70
33037-12	Pediatric Birthday Bubblegum	$70
33037-17	Pediatric Groovy Grape	$70

ClearView™ Nasal Masks (12 per pkg.)

CO_2 Capnography Single-Use Nasal Masks

Order No.	Product Description	Retail List
43034-9	Large Adult Unscented Grey	$100
43034-16	Large Adult Fresh Mint	$100
43035-9	Adult Unscented Grey	$100
43035-14	Adult French Vanilla	$100
43037-9	Pediatric Unscented Grey	$100
43037-12	Pediatric Birthday Bubblegum	$100

ClearView™ CO_2 Capnography Nasal Masks (12 per pkg.)

ClearView™
SINGLE-USE NASAL MASKS

Order No. 43003

Scavenging Circuit

- Low-profile assembly expands clinical field of operation
- Non-Latex* components
- X-ray compatible system
- Steam sterilize circuit
- White finish complements clinical environment
- Accommodates most flowmeter brands
- Made in the USA

*Not made with natural rubber latex

ClearView™ Scavenging Circuits - for Standard Bag Tee

Order No.	Product Description	Retail List
43003	**ClearView™ Scavenging Circuit II** (includes Scavenging Circuit with Vacuum Control Valve, Corrugated Tube, Reservoir Bag and complimentary ClearView™ Single-Use Nasal Masks)	$790
43005	**ClearView™ Scavenging Circuit I** (includes Scavenging Circuit with Vacuum Control Valve and complimentary ClearView™ Single-Use Nasal Masks)	$688

ClearView™ Scavenging Circuits - for RFS™ Remote Flow System & Accu-Vac™ Vacuum Controller

Order No.	Product Description	Retail List
43004	**ClearView™ Scavenging Circuit II** (includes Scavenging Circuit Corrugated Tube, Reservoir Bag and complimentary ClearView™ Single-Use Nasal Masks)	$746
43006	**ClearView™ Scavenging Circuit I** (includes Scavenging Circuit and complimentary ClearView™ Single-Use Nasal Masks)	$649

ClearView™ Adaptor Easy Order Guide

Accutron's ClearView™ Nasal Masks connect effortlessly to:

- ClearView™ Scavenging Circuits I (43005 & 43006)
- ClearView™ Scavenging Circuit II (43003 & 43004)
- Any existing PIP+® Scavenging Circuit
- Any Porter™ Brown Scavenging Circuit (no adaptor required)
- Matrx® Scavenging System (has one smooth tube on each side & comes with two connections) requires adaptor part number 35360

35360

Matrx®, and Porter™ are trademarks and registered trademarks of Midmark Corporation and Parker- Hannifin Corp.

CROSSTEX
A CANTEL MEDICAL COMPANY

ACCUTRON
Nitrous Oxide/Oxygen Sedation

PIP+® Nasal Masks

- Single-use
- 8 soothing scents
- Plus unscented
- 3 comfortable sizes
- Non-Latex* components
- Made in the USA

*Not made with natural rubber latex

FREE SAMPLES!
Call us at 800-531-2221
or go to
WWW.ACCUTRON-INC.COM

PIP+® Single-Use Nasal Masks

Order No.	Product Description	Retail List
33015-3	Large Variety Pack 3 (Mint, Peach & Vanilla)	$99
33015-9	Large Unscented Grey	$99
33015-14	Large French Vanilla	$99
33015-15	Large Perfect Peach	$99
33015-16	Large Fresh Mint	$99
33016-1	Medium Variety Pack 1 (Orange, Strawberry & Bubblegum)	$99
33016-2	Medium Variety Pack 2 (Piña Colada, Vanilla & Orange)	$99
33016-3	Medium Variety Pack 3 (Mint, Peach & Vanilla)	$99
33016-9	Medium Unscented Grey	$99
33016-10	Medium Outlaw Orange	$99
33016-11	Medium Sassy Strawberry	$99
33016-12	Medium Birthday Bubblegum	$99
33016-13	Medium Piña Colada	$99
33016-14	Medium French Vanilla	$99
33016-15	Medium Perfect Peach	$99
33016-16	Medium Fresh Mint	$99
33017-1	Small Variety Pack 1 (Orange, Strawberry & Bubblegum)	$99
33017-9	Small Unscented Grey	$99
33017-10	Small Outlaw Orange	$99
33017-11	Small Sassy Strawberry	$99
33017-12	Small Birthday Bubblegum	$99
33017-17	Small Groovy Grape	$99

Personal Inhaler Plus+® Nasal Masks (24 per pkg.)

33018

Multi-Use Masks (steam sterilize)

Order No.	Product Description	Retail List
33018	Multi-Use Large Mask (1/ea.)	$135
33019	Multi-Use Medium Mask (1/ea.)	$126
33020	Multi-Use Small Mask (1/ea.)	$114

PIP+® and Multi-Use Scavenging Circuits - for Standard Bag Tee

Order No. 32007

Scavenging Circuit
- Non-Latex* components
- X-ray compatible system
- Steam sterilize circuit
- White finish complements clinical environment
- Accommodates most flowmeter brands

***Not made with natural rubber latex**

Order No.	Product Description	Retail List
32007	**PIP+® Scavenging Circuit II** (includes Scavenging Circuit with Vacuum Control Valve, Corrugated Tube, Reservoir Bag and Complimentary PIP+® Single-Use Nasal Masks)	$790
33010	**PIP+® Scavenging Circuit I** (includes Scavenging Circuit with Vacuum Control Valve and complimentary PIP+® Single-Use Nasal Masks)	$688
33011	Scavenger with Large Multi-Use Mask	$713
33012	Scavenger with Medium Multi-Use Mask	$713
33013	Scavenger with Small Multi-Use Mask	$713

PIP+® Scavenging Circuits - for RFS™ Remote Flow Systems & Accu-Vac™ Vacuum Controller

Order No.	Product Description	Retail List
32009	**PIP+® Scavenging Circuit II** (includes Scavenging Circuit, Corrugated Tube, Reservoir Bag and complimentary PIP+® Single-Use Nasal Masks)	$746
33008	**PIP+® Scavenging Circuit I** (includes Scavenging Circuit and complimentary PIP+® Single-Use Nasal Masks)	$649

PIP+® Adaptor Easy Order Guide

Accutron's Personal Inhaler Plus+® Nasal Masks connect effortlessly to Accutron™ Scavenging Circuit I (33008 & 33010) and Scavenging Circuit II (32007 & 32009). They also connect easily to any brand of scavenging system. To order an adaptor, please look for these identifying features and note the Accutron™ order number.

35000 **Porter™ Brown Scavenging System** Has 4 tubes – 2 ports on each side, mask within mask bearing the name "Brown."

35100 **Porter™ Clean Air Scavenging System** Has tube inside tube and wings or vacuum sweeps to draw off excess gas.

35325 **Matrx® Scavenging System** Has spiral, white tubing.

35350 **Matrx® Scavenging System** Has one smooth, white tube on each side.

35400 **McKesson® Scavenging System** Has clear mask and 1 tube on each side.

35500 **Accutron™ ClearView™ Scavenging System** Has 4 tubes - 2 ports on each side, colored & scented mask within clear outer mask.

Matrx®, McKesson® and Porter™ are trademarks and registered trademarks of Midmark Corporation, McKesson Corporation and Parker- Hannifin Corp.

Vacuum Controllers

Order No.	Product Description	Retail List
36855	RFS™ Remote Flow System – Analog (for use with Ultra PC® % Cabinet Mount Flowmeters, and Digital Ultra® Flushmount Flowmeters with RFS™ Chairmount Kits)	$993
56855	RFS™ Remote Flow System – Digital (for use with Digital Ultra® Flushmount without RFS™ Chairmount Kits)	$993
56955	Accu-Vac™ Vacuum Controller (for use with Digital Ultra® Flushmount Flowmeter)	$1,251

Universal Cabinet Slide Mounts

Order No.	Product Description	Retail List
	Accu-Vac™ Mount: (for Digital Ultra® Flushmount Flowmeter)	
32015	Universal Cabinet Slide, Accu-Vac™ Vacuum Controller (slide mounts to left, right, or under cabinet)	$517
	RFS™ Remote Flow System D Mounts: (for Digital Ultra® Flushmount Flowmeter)	
25043	Universal Light Pole Mount Kit (not shown)	$176
32018	Universal Cabinet Slide, Digital RFS™ (slide mounts to left, right, or under cabinet)	$517
	RFS™ Remote Flow System A Mounts: (for Ultra PC® % Cabinet Mount Flowmeter)	
25043	Universal Light Pole Mount Kit (not shown)	$176
32014	Universal Cabinet Slide, Analog RFS™ (slide mounts to left, right, or under cabinet)	$517
	Universal Slide Mount (for Ultra PC® % & Ultra DC® Flowmeters)	
32004	Universal Cabinet Slide for Ultra® PC/DC with Mounting Adapter #24552 (slide mounts to left, right, or under cabinet)	$517
	Analog Bag Tee Mount: (for Ultra PC® % Cabinet Mount Flowmeter)	
32008	Universal Cabinet Slide, Analog Bag Tee (slide mounts to left, right, or under cabinet)	$517
	Digital Bag Tee Mount: (for Digital Ultra® Flushmount Flowmeter)	
32019	Universal Cabinet Slide, Digital Bag Tee (slide mounts left, right, or under cabinet)	$517

RFS™ Remote Flow System Chairmount Kits

Add a Chairmount Kit for your Remote Flow System…

Forest™ chair shown

RFS™ Remote Flow System – Not So Remote!

Chairside Delivery Systems

RFS™ Remote Flow System Mounted at Patient Chair

- Eliminate long mixed gas and vacuum hoses draping from adjacent cabinets
- Create uncluttered, safer work zone for doctor and staff
- Minimize displacement of patient mask caused by drag/pull and weight of long hoses
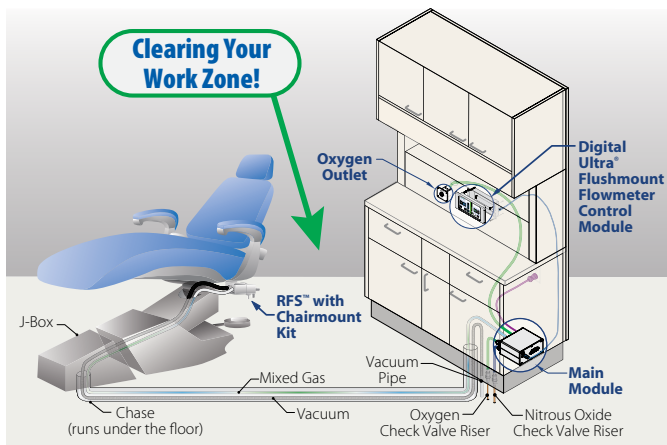- Store circuit and rubber goods when not in use

DENTISTRY O'TODAY
TOP 50 TECHNOLOGY PRODUCTS
2013 READERS' CHOICE AWARD

RFS™ Remote Flow System mounts to patient chairs without drilling new holes and can be installed in the field – retrofit where possible or new construction. Kits are available for a wide variety of dental chair brands.
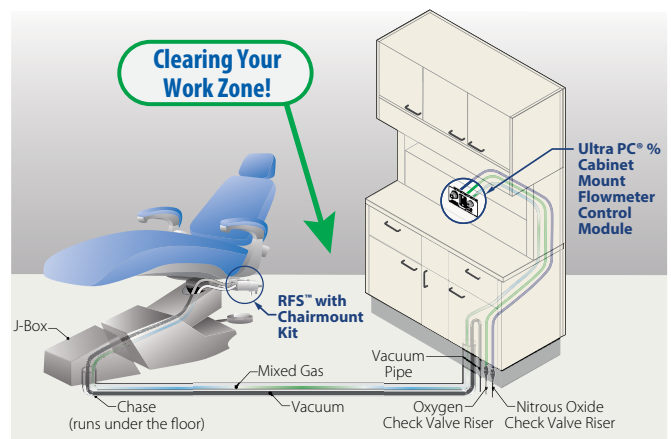
Beginning on page 38 see installation instructions and templates.

Illustrations below depict the combination of an RFS™ Chairmount Kit and a Flowmeter Package (RFS™ Chairmount Kits are to be purchased separately).

Clearing Your Work Zone!

Oxygen Outlet

Digital Ultra® Flushmount Flowmeter Control Module

RFS™ with Chairmount Kit

J-Box

Mixed Gas

Vacuum Pipe

Chase (runs under the floor)

Vacuum

Oxygen Check Valve Riser

Main Module

Nitrous Oxide Check Valve Riser

Digital Ultra® Flushmount Flowmeter
56800-CHAIR
56800-CHAIR-NS

Clearing Your Work Zone!

Ultra PC® % Cabinet Mount Flowmeter Control Module

RFS™ with Chairmount Kit

J-Box

Mixed Gas

Vacuum Pipe

Chase (runs under the floor)

Vacuum

Oxygen Check Valve Riser

Nitrous Oxide Check Valve Riser

Ultra PC® % Cabinet Mount Flowmeter
36800-CHAIR
36800-CHAIR-NS

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Nitrous Oxide/Oxygen Sedation

RFS™ Remote Flow System
Chairmount Kits for Chair Brands (continued)

A-dec® Chairs

Forest™ Chairs

Marus® Chairs

Midmark® Chairs

Pelton & Crane® Chairs

Order No.	Product Description	Retail List
31005-1	A-dec® 1040 RFS™ Chairmount Kit	$330
31005-2	A-dec® Decade Plus RFS™ Chairmount	$330
31005-3	A-dec® 511 RFS™ Chairmount Kit	$330
31005-4	A-dec® 311 RFS™ Chairmount Kit	$330
31005-5	A-dec® 400 Series RFS™ Chairmount Kit	$330
31005-6	A-dec® Performer Chairmount Kit	$330
31006-1	Belmont® X-Calibur B-20N RFS™ Chairmount Kit	$330
31006-2	Belmont® X-Calibur V B-50 RFS™ Chairmount Kit	$330
31006-3	Belmont® Quolis™ RFS™ Chairmount Kit	$330
31013-1	DCI Series 5 RFS™ Chairmount Kit	$330
31009-1	DentalEZ® Simplicity RFS™ Chairmount Kit	$330
31009-2	DentalEZ® NuSimplicity RFS™ Chairmount Kit	$330
31009-3	DentalEZ® J/V Generation RFS™ Chairmount Kit	$330
31008-1	Engle 300 RFS™ Chairmount Kit	$330
31001-1	Forest™ 3900 (no extras) RFS™ Chairmount Kit	$330
31001-2	Forest™ 3900 (touch pad) RFS™ Chairmount Kit	$330
31001-3	Forest™ 3900 (assist pkg.) RFS™ Chairmount Kit	$330
31001-4	Forest™ 3900 (touch pad & assist pkg.) RFS™ Chairmount Kit	$330
31004-1	Marus MaxStar™ (no extras) RFS™ Chairmount Kit	$330
31004-3	Marus NuStar™ (no extras) RFS™ Chairmount Kit	$330
31002-1	Midmark® Ultra RFS™ Chairmount Kit	$330
31002-2	Midmark® Elevance® RFS™ Chairmount Kit	$330
31002-3	Midmark® 641 Surgery RFS™ Chairmount Kit	$330
31010-1	OSSI Dino RFS™ Chairmount Kit	$330
31012-1	Pediatric Bench (standard) RFS™ Chairmount Kit	$330
31003-1	Pelton & Crane 1800 Series RFS™ Chairmount Kit	$330
31003-2	Pelton & Crane 3000 Series RFS™ Chairmount Kit	$330
31003-3	Pelton & Crane 1700 RFS™ Chairmount Kit	$330

Note: Chairmount Kits do not include a Remote Flow System.

A-Dec®, Belmont and DentalEz® are trademarks and registered trademarks of A-Dec Inc, Takara Belmont USA, Inc. and DentalEZ, Inc, respectively. All other product names are trademarks of their respective company's

RFS™ Remote Flow System
Chairmount Kits for Chair Brands (continued)

Order No.	Product Description	Retail List
31007-1	Royal Alliant RFS™ Chairmount Kit	$330
31007-2	Royal Signet R16 RFS™ Chairmount Kit	$330
31007-3	Royal PD2/OR2/OR3/GP2 (w/o light) RFS™ Chairmount Kit	$330
31007-4	Royal PD2/OR2/OR3/GP2 (with light) RFS™ Chairmount Kit	$330

Royal™ Chairs

Q/C Hoses & Vacuum Male Connectors

Order No.	Product Description	Retail List
	Compatible with Accutron™ White Slim-line Outlets & Porter™- type Outlets:	
33968	Accutron™ E-Z Q/C Hose Set*	$251
33972	Accutron™ Vacuum Male Connector	$132
	Compatible with Accutron™ (silver outlets), Puritan Bennett®, McKesson® & Fraser™ Outlets:	
34068	Accutron™ N_2O-O_2 Q/C Hose Set*	$251
34070	Accutron™ O_2 Q/C Hose*	$132
34071	Accutron™ N_2O Q/C Hose*	$132
34081	Accutron™ Vacuum Male Connector	$132
	Compatible with Qxyquip™ Outlets:	
34168	Oxyquip™ N_2O-O_2 Q/C Hose Set*	$251
34072	Oxyquip™ O_2 Q/C Hose*	$132
34073	Oxyquip™ N_2O Q/C Hose*	$132
34084	Oxyquip™ Vacuum Male Connector	$132
	Compatible with Chemtron™, NCG & Coastal Outlets:	
34268	Chemtron™ N_2O-O_2 Q/C Hose Set*	$251
34085	Chemtron™ O_2 Q/C Hose*	$132
34086	Chemtron™ N_2O Q/C Hose*	$132
34088	Chemtron™ Vacuum Male Connector	$132
	Compatible with Matrx®, Ohio & Centurion Outlets:	
34368	Matrx® N_2O-O_2 Q/C Hose Set*	$251
34074	Matrx® O_2 Q/C Hose*	$132
34087	Matrx® N_2O Q/C Hose*	$132
34080	Matrx® Vacuum Male Connector	$132
	Compatible with Schrader® Outlets:	
34568	Schrader® Inline N_2O-O_2 Q/C Hose Set*	$251
34668	Schrader® Flush N_2O-O_2 Q/C Hose Set*	$251

*Specify lengths up to 6 feet

Set illustrations show only one of the two hoses included.

33968
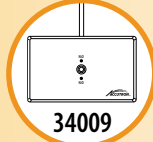
33972

34068

34168

34268

34368

34568

Puritan Bennett® and Schrader® are registered trademarks of Schrader-Bridgeport International and Covidien LP, respectively. All other product names are trademarks of their respective company's
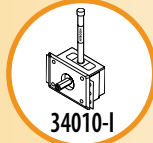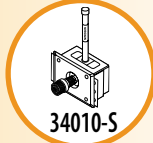
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ACCUTRON™
Nitrous Oxide/Oxygen Sedation

Recessed Outlet Stations

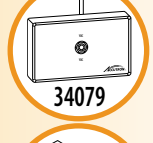| Order No.	Product Description	Retail List
34004	Recessed Q/C Triple Outlet (N_2O-O_2-Vac)*	$647
34005	Recessed Q/C Dual Outlet (N_2O-O_2)	$415
34009	Recessed Q/C O_2 Outlet	$271
34011	Recessed Q/C Vacuum Outlet*	$271
34010-I	Recessed Imperial Q/C N_2 Outlet	$585
34010-S	Recessed Schrader Q/C N_2 Outlet	$585

Requires use of Vacuum Male Connector #33972 (page 33).

Surface Outlet Stations

Order No.	Product Description	Retail List
34003	Floor Q/C Dual Outlet (N_2O-O_2)	$571
34060	Surface Q/C Triple Outlet (N_2O-O_2-Vac)*	$715
34076	Surface Q/C Dual Outlet (N_2O-O_2)	$459
34077	Surface Q/C O_2 Outlet	$322
34079	Surface Q/C Vacuum Outlet*	$322
34078-I	Surface Imperial Q/C N_2 Outlet	$660
34078-S	Surface Schrader Q/C N_2 Outlet	$660

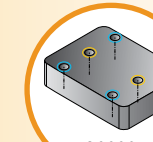*Requires use of Vacuum Male Connector #33972 (page 33).*

Micro Outlet Stations

Order No.	Product Description	Retail List
34012-3	Micro In-line Triple Outlet Kit – DISS* (includes Check Valve Risers, hoses and outlet station)	$1,040
34012-3-NS	Micro In-line Triple Outlet – DISS* (for mounting within cabinetry)	$780
34013-3	Micro In-line Dual Outlet Kit – DISS (includes Check Valve Risers, hoses and outlet station)	$800
34013-3-NS	Micro In-line Dual Outlet Kit – DISS (for mounting within cabinetry)	$522
28000	Micro Outlet Spacer (for Dual & Triple Micro Outlets)	$22
27793	Oxygen Outlet – DISS with Female Q/C (for use with Digital Ultra RFS™ Chairmount Kits)	$259

Requires use of Vacuum Male Connector #33972 (page 33).

34004
34005
34009
34011
34010-I
34010-S

34060
34003
34077
34076
34078-I
34079
34078-S
34079

34012-3
34012-3-NS
34013-3
34013-3-NS
27793
28000

Digi-Flo® Manifold Accessories & Adapters
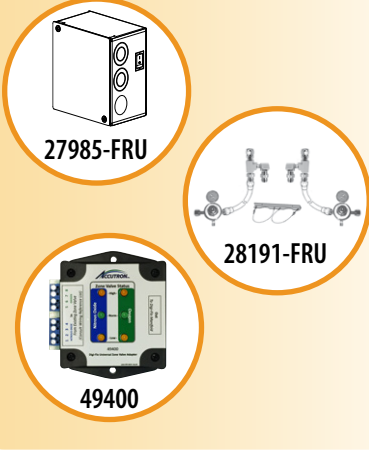
Order No.	Product Description	Retail List
27985-FRU	Digi-Flo® Optional Conduit Kit	$276
28191-FRU	Oxygen Add-on Dual Regulator Kit	$1,460
27954-FRU	Matrx® Manifold Adapter Kit	$150
28406-FRU	Porter™ Manifold Adapter Kit	$150
28408-FRU	Belmed Manifold Adapter Kit	$150
28401-FRU	Accutron (Old Style) Manifold Adapter Kit	$150
49400	Zone Valve Adapter Box – Converts Normally Open (NO) switches on Zone Valves to Digi-Flo®	$500
49400-NC	Zone Valve Adapter Box – Converts Normally Closed (NC) switches on Zone Valves to Digi-Flo®	$500

27985-FRU

28191-FRU

49400

Manifold Accessories & Components

Order No.	Product Description	Retail List
23123	Zone Valve Box Trim/Frame Assembly (for zone valve #39550)	$219
23126	Gas Identification Labels (6 O_2 and 6 N_2O)	$32
23148	100 ft. CAT6 Black Cable and Connector	$93
23189	Zone Valve Box Door/Cover (for #39550)	$110
27224	Cylinder Room Caution Sticker	$5
27319	Purge Fitting Set	$82
34057	Oxygen Regulator	$433
34058	Nitrous Oxide Regulator	$433
34061	Oxygen Hose (DISS 3 feet)	$124
34062	Nitrous Oxide Hose (DISS 3 feet)	$124
34075	Cylinder Restraints (accommodates 4 cylinders)	$248

NITROUS OXIDE   OXYGEN

23126

23123

23189

23148

34057

27319

34058

34061

34075

34062

Oral Surgery N_2 & O_2 Manifold System Components

Order No.	Product Description	Retail List
34057	Oxygen Regulator	$433
34061	Oxygen Hose (DISS 3 feet)	$124
48025	Cylinder Restraints (accommodates 2 cylinders)	$145
48075	Nitrogen Regulator	$482
48078	Nitrogen Hose DISS (DISS 3 feet)	$140

34057

34061

48025

48078

48075

See quick-connect hoses and outlet stations on pages 33 & 34.

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Nitrous Oxide/Oxygen Sedation

22137 & 33014

33025 & 33026

Rubber Goods

Order No.	Product Description	Retail List
22137	6-foot Corrugated Tube	$75
33014	3-foot Corrugated Tube	$50
33025	Reservoir Bag – 3 Liter	$45
33026	Reservoir Bag – 2 Liter	$45

21178

21179

21245

21246

22099

22122

25590

25591

25592

25593
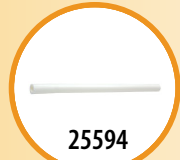
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26253

26254

26255

27132

Scavenging Circuit Components

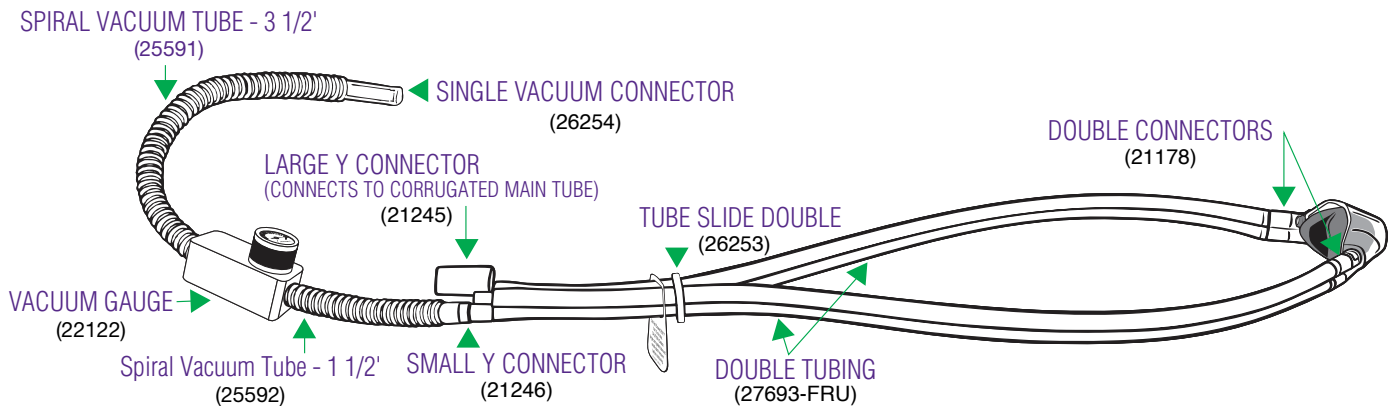| Order No.	Product Description	Retail List
21178	Double Connectors for PIP+® Nasal Mask (2/pkg.)	$45
21179	Single Connectors for PIP+® Nasal Mask (2/pkg.)	$45
21245	Large Y Connector	$45
21246	Small Y Connector	$45
22099	Scavenging Hub for PIP+® Nasal Masks (clear disk)	$54
22122	Vacuum Gauge (for standard bag tee) For ClearView™ and PIP+™	$167
28530-FRU	Vacuum Gauge for Axess In-line Scavenging Circuit	$167
28569	Axess™ Accessory Kit (Includes: 90° Outspot Adapter, White Cap, Matrx™ Scavenger Adapter, Porter® In-line Scavenger Adapter & Porter® AVS Scavenger Adapter)	$50
28516-FRU	Axess™ RFS™ & Accu-Vac™ Hose Assembly	$200
28517-FRU	Axess™ In-Line Hose Assembly	$200
25590	Double Tubing for PIP+® Scavenging Circuit (order 2)	$32
25591	Axess™ Spiral Vacuum Tube – 3 1/2'	$17
25592	Axess™ Spiral Vacuum Tube – 1 1/2'	$17
25593	5" Large Tube for PIP+® Scavenging Circuit (order 2)	$17
25594	7 1/4" Small Tube for PIP+® Scavenging Circuit (order 2)	$17
26252	PIP+® Scavenging Plug	$22
26253	Tube Slide Double	$32
26254	Single Vacuum Connector	$17
26255	90° Elbow (creates 90° angle off flowmeter for attachment of scavenging circuit)	$25
27132	6' Spiral Vacuum Tube (for RFS™ Scavenging Circuit)	$32
27693-FRU	Double Tubing for ClearView™ Scavenging Circuit (order 2)	$32

See page 37 for scavenging circuit parts diagrams.

Axess™ Scavenging Circuit Components Diagram (standard in-line vacuum)

SPIRAL VACUUM
TUBING – 3 1/2'
25591

TO VACUUM

TO FLOWMETER

CONNECTORS INCLUDED IN
AXESS ACCESSORY KIT
28569

AXESS
VACUUM GAUGE
28530-FRU

AXESS
IN-LINE
HOSE ASSEMBLY
28517-FRU

MASK
CONNECTORS
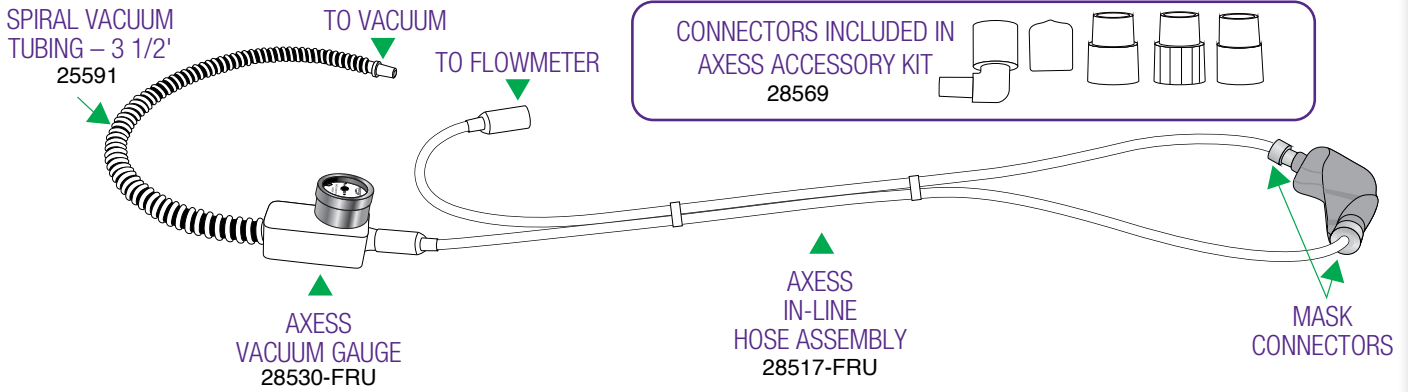
Note: *For Axess™ Scavenging Circuits for Remote Flow System (RFS™) and Accu-Vac™ Vacuum Controller, part 28517-FRU is replaced with 28516-FRU, and parts 25591 and 28530-FRU are not included.*
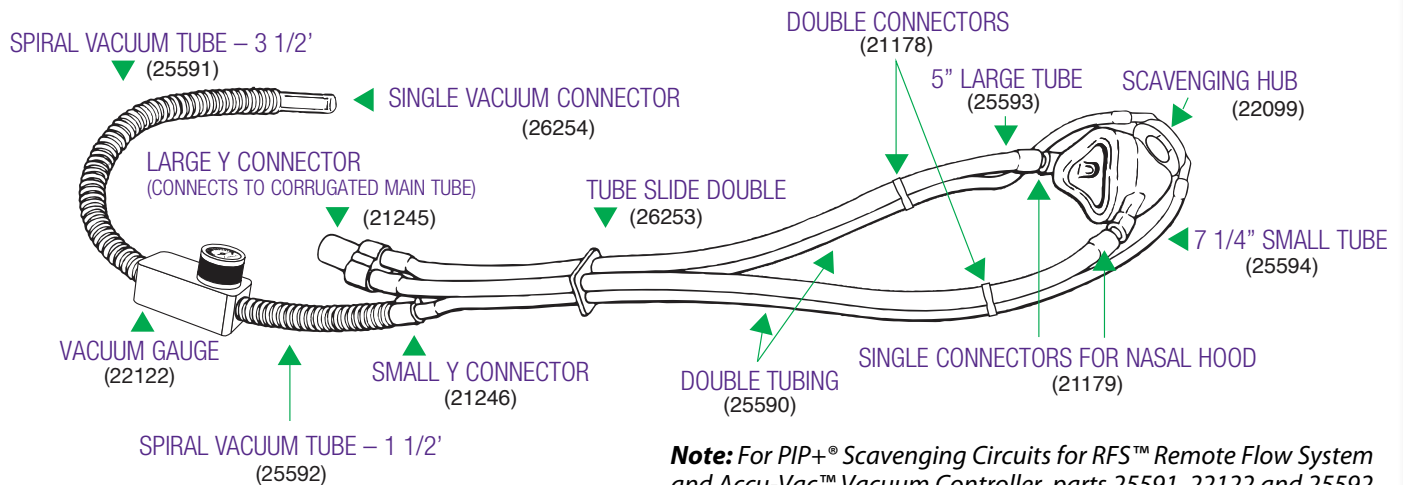
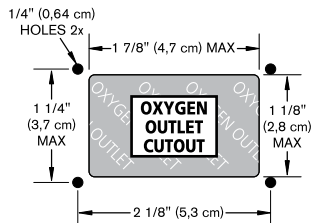## ClearView™ Scavenging Circuit Components Diagram (standard bag tee)

SPIRAL VACUUM TUBE - 3 1/2'
(25591)

SINGLE VACUUM CONNECTOR
(26254)

DOUBLE CONNECTORS
(21178)

LARGE Y CONNECTOR
(CONNECTS TO CORRUGATED MAIN TUBE)
(21245)

TUBE SLIDE DOUBLE
(26253)

VACUUM GAUGE
(22122)

Spiral Vacuum Tube - 1 1/2'
(25592)

SMALL Y CONNECTOR
(21246)

DOUBLE TUBING
(27693-FRU)

Nasal Masks, Scavenging Circuit & Rubber Goods are Not made with natural rubber latex!

Note: *For ClearView™ Scavenging Circuits for RFS™ Remote Flow System and Accu-Vac™ Vacuum Controller, parts 25591, 22122 and 25592 are replaced with a 6' Spiral Vacuum Tube (part 27132).*
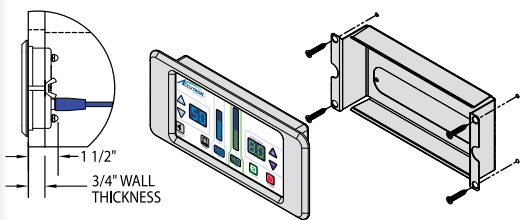
PIP+® Scavenging Circuit Components Diagram (standard bag tee)

SPIRAL VACUUM TUBE – 3 1/2'
(25591)

SINGLE VACUUM CONNECTOR
(26254)

DOUBLE CONNECTORS
(21178)

5" LARGE TUBE
(25593)

SCAVENGING HUB
(22099)

LARGE Y CONNECTOR
(CONNECTS TO CORRUGATED MAIN TUBE)
(21245)

TUBE SLIDE DOUBLE
(26253)

7 1/4" SMALL TUBE
(25594)

VACUUM GAUGE
(22122)

SMALL Y CONNECTOR
(21246)

DOUBLE TUBING
(25590)

SINGLE CONNECTORS FOR NASAL HOOD
(21179)

SPIRAL VACUUM TUBE – 1 1/2'
(25592)

Note: *For PIP+® Scavenging Circuits for RFS™ Remote Flow System and Accu-Vac™ Vacuum Controller, parts 25591, 22122 and 25592 are replaced with a 6' Spiral Vacuum Tube (part 27132).*
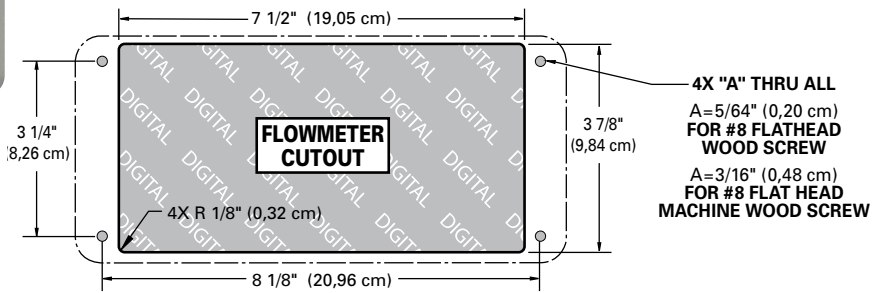
Axess™, ClearView™ & PIP+® Scavenging Circuit Diagrams

CROSSTEX
A CANTEL MEDICAL COMPANY

ACCUTRON™
Nitrous Oxide/Oxygen Sedation

Digital Ultra® Flushmount Flowmeter 56800-CHAIR

7 1/2" (19,05 cm)

3 1/4" (8,26 cm)

3 7/8" (9,84 cm)

FLOWMETER CUTOUT

4X R 1/8" (0,32 cm)

8 1/8" (20,96 cm)

4X "A" THRU ALL
A=5/64" (0,20 cm)
FOR #8 FLATHEAD WOOD SCREW

A=3/16" (0,48 cm)
FOR #8 FLAT HEAD MACHINE WOOD SCREW

Template not to scale.

USE
NO OIL

OXYGEN ONLY

1/4" (0,64 cm) HOLES 2x

1 7/8" (4,7 cm) MAX

1 1/4" (3,7 cm) MAX

OXYGEN OUTLET CUTOUT

1 1/8" (2,8 cm) MAX

2 1/8" (5,3 cm)

Template not to scale.

1 1/2"

3/4" WALL THICKNESS

See installation illustration on page 39.
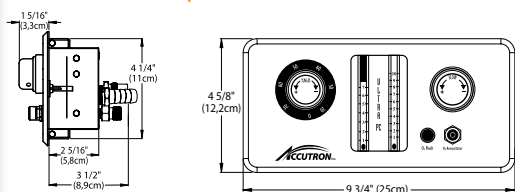
1) In advance of construction:
a) Provide for tubing chase from flowmeter location to chair J-Box.
b) Install Vacuum, Oxygen, and Nitrous Oxide risers.

2) Installation:
a) Ensure cut-outs for the flowmeter and oxygen outlet are located correctly.
b) Mount Control Module Bracket, with long slot down. Feed cable through the slot. Connect cable to controller and press controller into bracket. Make sure cable is not pinched. To remove controller from the bracket, insert screwdriver into slot at bottom corner of controller and pry outward.
c) Pull the Mixed Gas and Vacuum lines up to the Remote Flow System mounting location on the chair.
d) Install Remote Flow System to chair.
(Requires purchase of brand-specific Chairmount Kit - see page 31-33).
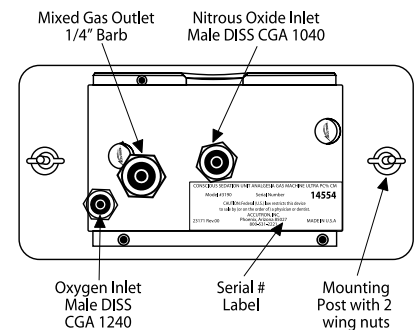e) Complete connections of all hoses.
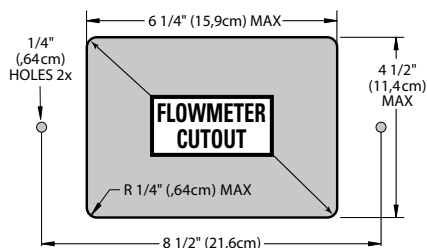
Ultra PC® % Cabinet Mount 36800-CHAIR

6 1/4" (15,9cm) MAX

1/4" (,64cm) HOLES 2x

FLOWMETER CUTOUT

4 1/2" (11,4cm) MAX

R 1/4" (,64cm) MAX

8 1/2" (21,6cm)

Template not to scale.

1 5/16" (3,3cm)

4 1/4" (11cm)

2 5/16" (5,8cm)

3 1/2" (8,9cm)

4 5/8" (12,2cm)

9 3/4" (25cm)

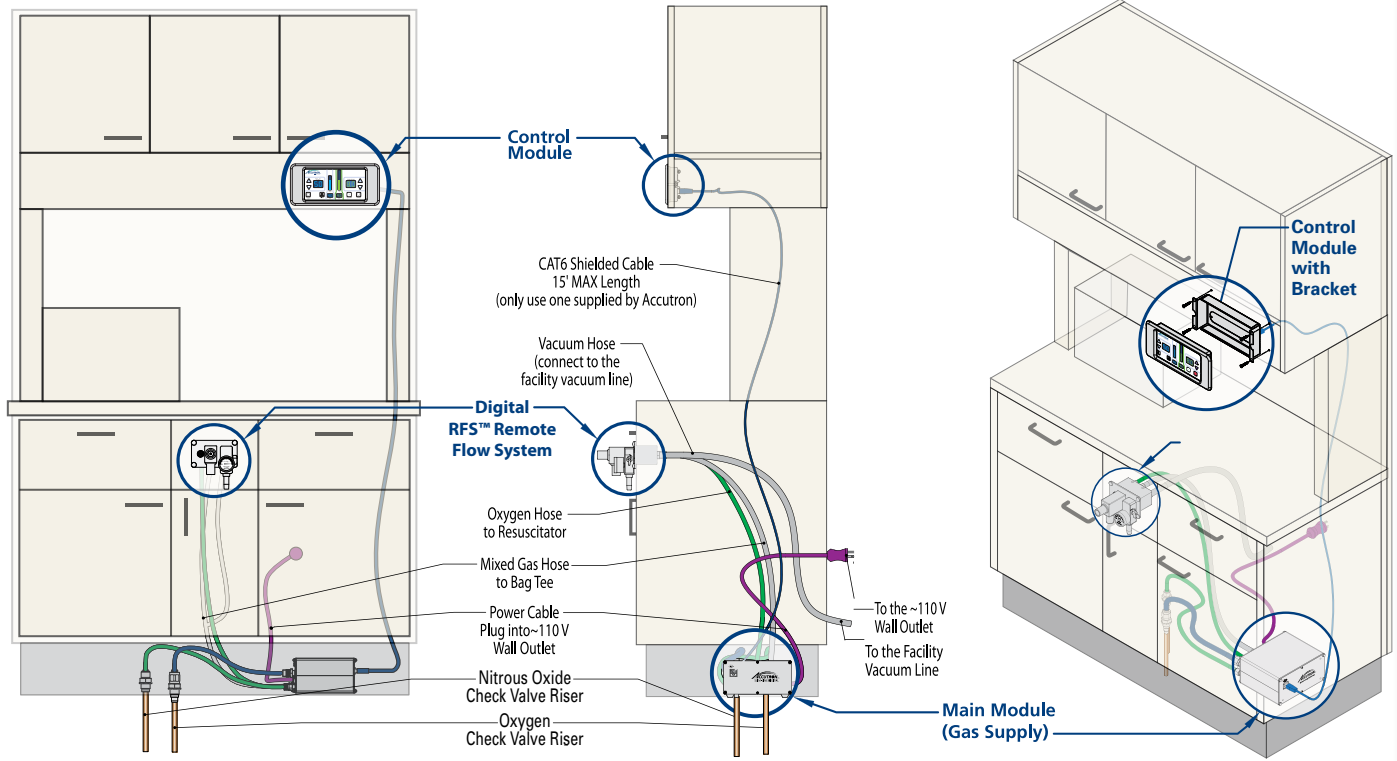### 1) In advance of construction:
a) Provide for tubing chase from flowmeter location to chair J-Box.
b) Install Vacuum, Oxygen, and Nitrous Oxide risers.

2) Installation:
a) Ensure cut-out for the flowmeter is located correctly.
b) Mount Ultra PC® Flowmeter through cutout, install wing nuts, and connect hoses to risers.
c) Pull the Mixed Gas and Vacuum lines up to the Remote Flow System mounting location on the chair.
d) Install Remote Flow System to chair.
(Requires purchase of brand-specific Chairmount Kit - see page 31-33).
e) Complete connections of all hoses.

Mixed Gas Outlet 1/4" Barb

Nitrous Oxide Inlet Male DISS CGA 1040

14554

Oxygen Inlet Male DISS CGA 1240

Serial # Label

Mounting Post with 2 wing nuts

Digital Ultra® Flushmount Flowmeter with RFS™ Mounted in Cabinet

Control Module

Control Module with Bracket

CAT6 Shielded Cable
15' MAX Length
(only use one supplied by Accutron)

Vacuum Hose
(connect to the
facility vacuum line)

Digital RFS™ Remote Flow System

Oxygen Hose
to Resuscitator

Mixed Gas Hose
to Bag Tee

Power Cable
Plug into~110 V
Wall Outlet

To the ~110 V
Wall Outlet

To the Facility
Vacuum Line

Nitrous Oxide
Check Valve Riser

Oxygen
Check Valve Riser

**Main Module
(Gas Supply)**

In-cabinet illustrations are specific to 56800 Digital Ultra® Flushmount with RFS™ Remote Flow System Vacuum Controller.

Bracket is included with flowmeter.

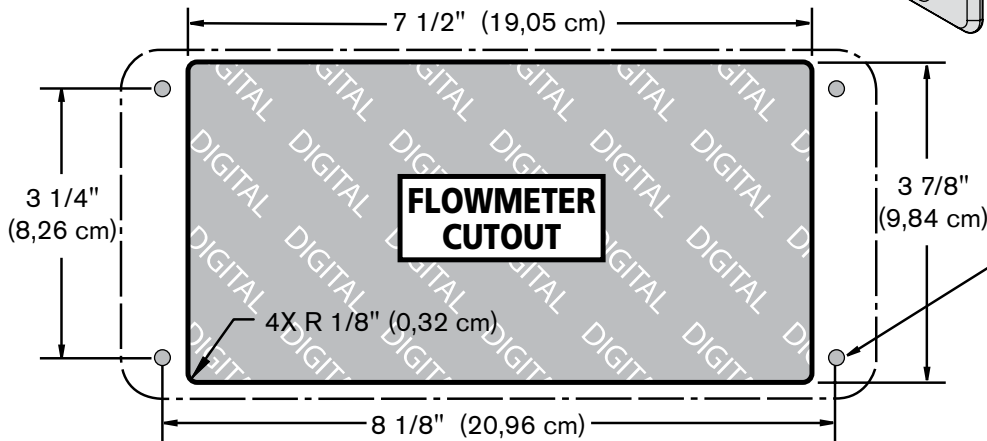# Digital Ultra® Flushmount Flowmeter Template

Digital Ultra®
Flushmount Flowmeter

Slimline design separates control module from gas supply module and offers:
• More accessible cabinet space
• Flexible installation choices
• Mounting in wall as an option
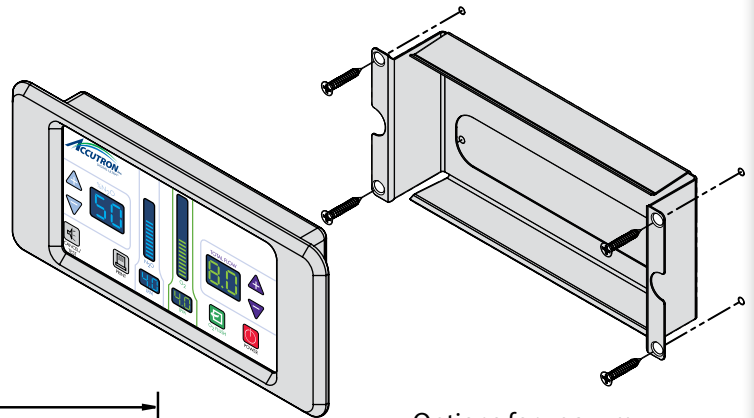
Options for vacuum system controllers include: Standard Bag Tee, Accu-Vac™ or RFS™ Remote Flow System.

7 1/2" (19,05 cm)

3 1/4"
(8,26 cm)

3 7/8"
(9,84 cm)

FLOWMETER CUTOUT

4X R 1/8" (0,32 cm)

8 1/8" (20,96 cm)

4X "A" THRU ALL

A=5/64" (0,20 cm)
FOR #8 FLATHEAD WOOD SCREW

A=3/16" (0,48 cm)
FOR #8 FLAT HEAD MACHINE WOOD SCREW

Cut-out dimensions not to scale.

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Nitrous Oxide/Oxygen Sedation

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Ultra PC® % Cabinet Mount Flowmeter Diagram

Ultra PC® % Cabinet Mount Flowmeter
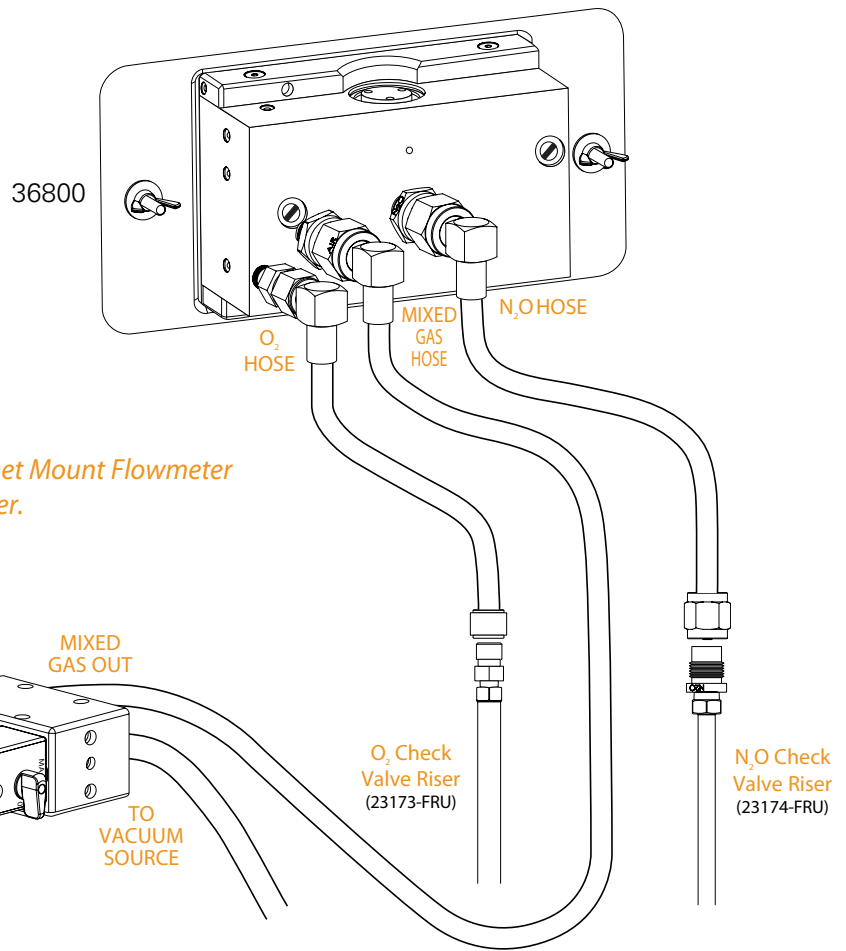
Diagram is specific to 36800 Ultra PC® % Cabinet Mount Flowmeter with RFS™ Vacuum Controller.

36800

O_2 HOSE

MIXED GAS HOSE

N_2O HOSE

REMOTE FLOW SYSTEM (36855)

MIXED GAS OUT

TO VACUUM SOURCE

O_2 Check Valve Riser (23173-FRU)

N_2O Check Valve Riser (23174-FRU)

Ultra PC® % Cabinet Mount Flowmeter Template

Ultra PC® % Cabinet Mount Flowmeter

• Vertical dimension of cut is 4 1/2″ MAX
• Horizontal dimension of cut is 6 1/4″ MAX
• Minimum Depth is 3 1/2″

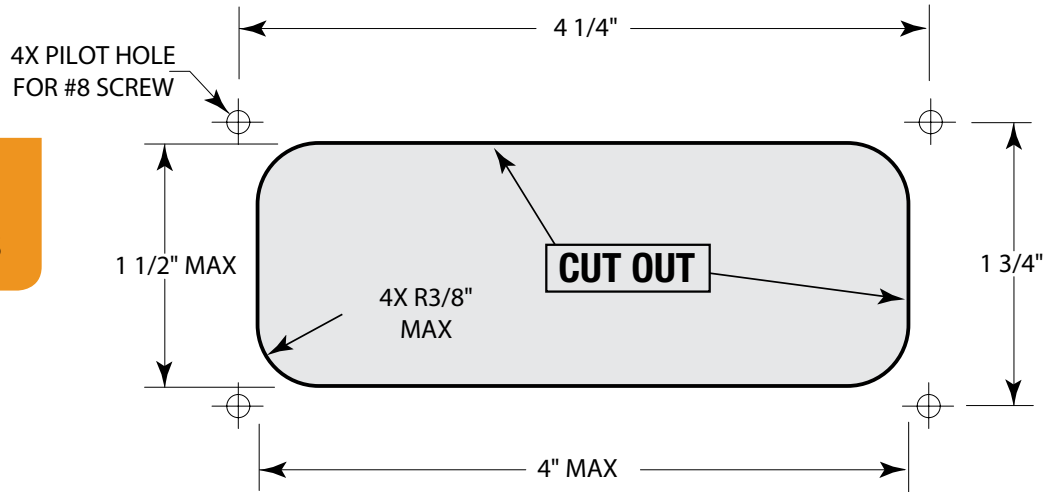Options for vacuum system controllers include: Standard Bag Tee and RFS™ Remote Flow System.

6 1/4" (15,9 cm) MAX

1/4" (0,64 cm) HOLES 2x

4 1/2" (11,4 cm) MAX

FLOWMETER CUTOUT

4X R 1/4" (0,64 cm) MAX

8 1/2" (21,6 cm)
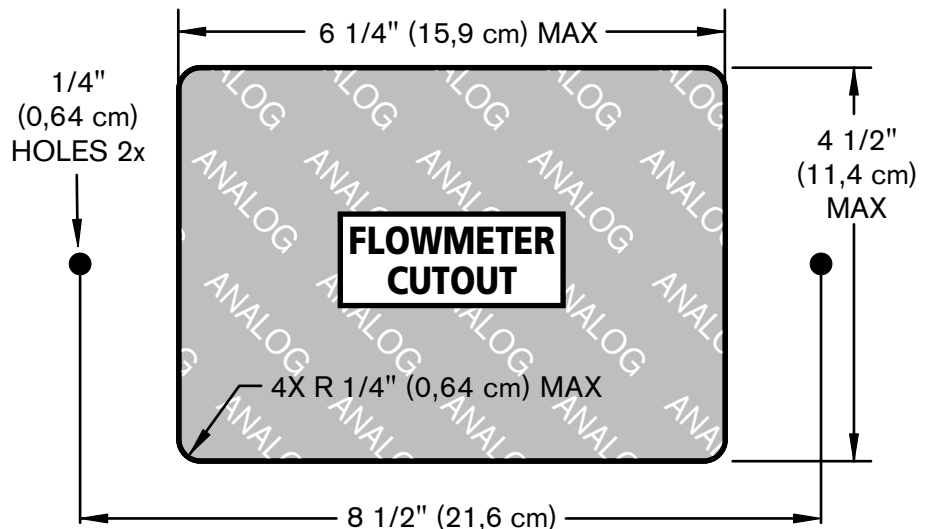
Cut-out dimensions not to scale.

Micro In-Line Triple Outlet Template

Order Nos.
34012-3
34012-3-NS

4 1/4"

4X PILOT HOLE FOR #8 SCREW

1 1/2" MAX

4X R3/8" MAX

CUT OUT

1 3/4"

4" MAX

Cut-out dimensions not to scale.

Micro In-Line Dual Outlet Template

Order Nos.
34013-3
34013-3-NS

4X PILOT HOLE FOR #8 SCREW 11/64"

2 5/8"

1 1/2" MAX

4X R3/8" MAX

CUT OUT

1 3/4"

2 1/2" MAX
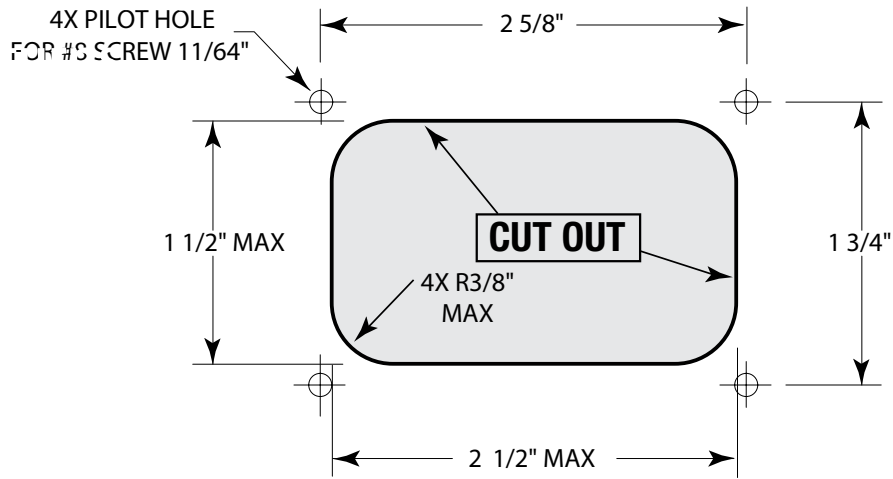
Cut-out dimensions not to scale.

Recessed Outlet Station Template

Order Nos.
34004
34005
34009
34010-I
34010-S
34011

4 7/16"
(11,3 cm)

Face Plate Outline

3 1/4"
(8,3 cm)

OUTLET CUTOUT

Minimum Depth 2 1/2" (6,2 cm)

2 7/8"
(6,2 cm)

5 1/4"
(6,4 cm)

Cut-out dimensions not to scale.

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Nitrous Oxide/Oxygen Sedation

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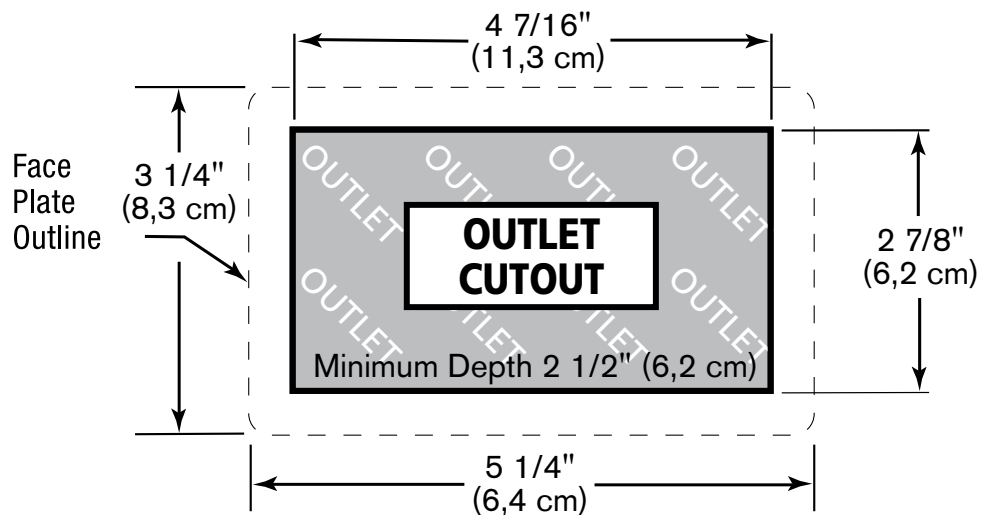
ACCUTRON™ 2-YEAR FLOWMETER LIMITED WARRANTY

IF AN ACCUTRON™ FLOWMETER NEEDS TO HAVE REPAIR WORK OR REPLACEMENT PARTS DURING THE 2-YEAR WARRANTY PERIOD DUE TO MANUFACTURING DEFECTS, ACCUTRON™ WILL PROVIDE THE PARTS AND LABOR AT NO CHARGE. THE FLOWMETER OWNER IS RESPONSIBLE ONLY FOR A $35.OO SHIPPING AND HANDLING FEE, WHICH WILL BE ASSESSED EACH TIME A FLOWMETER IS RETURNED TO ACCUTRON™ FOR WARRANTY WORK.

WARRANTY TERMS

Limited Warranty and Disclaimer: Accutron™ ("Seller") warrants that its product will be free from manufacturing defects subject to the terms, conditions, and limitation set forth hereinafter, for a period of 2 years for flowmeters and 1 year for other equipment products. Seller's obligations under this limited warranty are contingent on Buyer's full payment of the product purchase price. Except as specifically set forth above, Seller and its affiliates make no warranties, expressed or implied, and specifically disclaim any warranties of merchantability or fitness for a particular purpose.

The liability of Seller and its affiliates for any claims, losses, damages, or expenses from any cause whatsoever (including acts or omissions of third parties) regardless of the form of the action, whether in tort, contract, or otherwise, shall not exceed the repair cost, replacement cost, or purchase price of the product that directly gives rise to the claim. Seller and its affiliates shall not be liable for any incidental, special, reliance, consequential, or indirect loss or damage rising out of this agreement or the products. As used in this paragraph, consequential damages include, but are not limited to, lost profits, lost revenues, property damage, personal injury damage to the Purchaser or third parties, loss of business or profits, and/or loss of business reputation. It is the sole responsibility of Purchaser to determine the suitability of the products for the Purchaser's intended use. Seller's obligation to repair, replace or refund, as set forth above shall be Buyer's exclusive remedy.

This warranty constitutes the entire warranty. This warranty and Seller's liability hereunder shall be construed according to the laws of the State of Arizona without regard to conflict of lay principles.

To activate the Flowmeter Warranty, complete and mail the warranty registration card that accompanies Flowmeter.

Accutron™ warranties are subject to the following conditions: Accutron™ products and equipment are warranted to be free from defects in material and workmanship under normal use and service, including all component parts. This warranty shall not apply to defects resulting from accidents, alterations, or misuse. If modifications have affected the operation of the product to render it faulty, this warranty shall be void. This warranty shall be void if any part not of Accutron's manufacture or supply has been incorporated into the product.

THIS WARRANTY IS GIVEN IN PLACE OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.

No statement or claim about the product by any employee, agent, representative or dealer of Accutron™ shall constitute a warranty by Accutron™ or give rise to any liability or obligation of Accutron™.

Warranty and Returned Goods Policy

All warranty resolution issues and merchandize returns will be handled through the local authorized Accutron™ distributor. Contact distributor where unit was purchased. Custom hoses cannot be returned.

Repair Service Policy

All service issues will be handled through the local authorized Accutron™ distributor. Contact distributor where unit was purchased.

Assistance

For Assistance, contact your local dental distributor or call Accutron™ Customer Service at:
Toll-free: (800) 531-2221
Local: (623) 780-2020
Fax: (623) 780-0444
Hours of operation: 7:00 AM – 4:30 PM MST

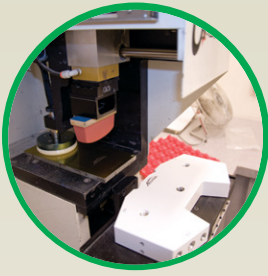Service ship-to address:
Accutron
1733 W. Parkside Lane
Phoenix, AZ 85027

Visit our website:
www.accutron-inc.com

45+ YEARS OF INNOVATION

Productivity

Initiative

Innovation

Integrity

Ethics

Quality Statement
It is Accutron's policy to:

- Provide products and services that meet or exceed our customers' requirements.

- Meet all regulatory requirements.

- Comply with the requirements of our quality management system and maintain its effectiveness.

Accutron™ products are designed, manufactured and inspected under comprehensive Quality System certified to meet ISO-13485 and 93/42/EEC requirements

MED CERT CERTIFIED ISO 13485

Proud Participant
DentaCheques
A Program of
Dental Lifeline Network.

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