Go Digital!

Digital Precision and Safety

**Systems:**
- Central
- Portable
- Enclosed Portable
- Cabinet-Mounted Central

**Flowmeters:**
- Digital
- Percentage
- Conventional

**Mounts:**
- Flushmount
- Cabinet Mount
- Wall Arms
- Universal Cabinet Slides
- Mobile Stand

**Chairside Delivery Systems**


Now you can mount our RFS directly to your dental chair without drilling into the chair’s frame. Our new Chairmount Kits are available for many of today’s popular chair brands.

Clearing Your Work Space.

**Digi-flo™ Digital Automatic Switching Manifold/Alarm System**

Easily accessible components; field upgradable software. System allows for dual alarm panels and up to 4 zone valves.

Technology for the Future.
Central Systems

Digital Percentage

**Digital Ultra™ Flushmount**
- 56600 - Pkg. G – Standard Bag Tee
- 56800 - Pkg. H – RFS-D
- 56800-CHAIR - Pkg. H CHAIR – RFS for Chairmount Kits
- 56950 - Pkg. I – Accu-Vac™

If surface mounting the Digital Ultra Flushmount, purchase 32055 - Surface Mount for Digital Ultra Flushmount.

**Digital Ultra™**
- 51975 - Flowmeter Only
- 56200 - Pkg. C – Mobile Stand
- 56300 - Pkg. D – 9” Arm
- 56400 - Pkg. E – 16” Bi-Fold Arm
- 56500 - Pkg. F – Telescoping Arm (shown)

Variety.

Analog Percentage

**Ultra PC™ % Cabinet Mount**
- 36600 - Pkg. G – Standard Bag Tee
- 36800 - Pkg. H – RFS-A
- 36800-CHAIR - Pkg. H CHAIR – RFS for Chairmount Kits

**Ultra PC™ %**
- 31975 - Flowmeter Only
- 36200 - Pkg. C – Mobile Stand
- 36300 - Pkg. D – 9” Arm
- 36400 - Pkg. E – 16” Bi-Fold Arm
- 36500 - Pkg. F – Telescoping Arm
- 36500-US - Pkg. U – Universal Cabinet Slide, PC/DC (shown)*

*Note: Universal Cabinet Slide, PC/DC can be installed within a cabinet to the left, right or under-mounted.

Selection.

Analog Dual Control

**Ultra DC™**
- 31980 - Flowmeter Only
- 46200 - Pkg. C – Mobile Stand
- 46300 - Pkg. D – 9” Arm
- 46400 - Pkg. E – 16” Bi-Fold Arm
- 46500 - Pkg. F – Telescoping Arm
- 46500-US - Pkg. U – Universal Cabinet Slide, PC/DC* (shown)

The central system is particularly attractive to offices where nitrous oxide is used on a regular basis and available space will accommodate a central storage area. Savings obtained over time from the use of larger G and H cylinders offset the initial investment in a central gas storage system.
Portable Systems

Traditional Portables

4-Cylinder Portables
36100 – Ultra PC™ %
46100 – Ultra DC™
56100 – Digital Ultra™

2-Cylinder Portables
(not represented in pictures)
36000 – Ultra PC™ %
46000 – Ultra DC™

Mobility is the major advantage of the portable unit. It is usually the system of choice in offices where space limitations will not accommodate a central storage room or when economic constraints are an influencing factor. Also, the portable system (utilizing E cylinders) is most likely the answer when frequency of N₂O-O₂ use is low.

Newport Enclosed Portables

Digital Newport Flowmeter System™
51000

4-Cylinder Enclosed Portables
(Both utilize E cylinders)

Newport Flowmeter System™
50000

An enclosed portable keeps the cylinders out of sight and makes operatory turn-around (disinfection) faster and easier. The flat surface of the enclosed portable can be used as additional counter space.

...you decide.
Flowmeters for RFS™ Chairmount Kits

Digital Ultra™ Flushmount Pkg. H

- **Automatic Compensation**
  - Adjust total flow while gas ratio remains constant.
  - Adjust gas ratio and total flow remains constant.
- **Self Monitoring**
  Maintains gas flow & ratio parameters; provides alarm notification if deviations occur.
- **Dual Readouts for Each Gas**
  The only flowmeter with both digital and electronic flowtube displays.
- **Audible & Visual Alarms**
  Immediate notification of low oxygen supply (industry recommendation).

**On/Off**

**O₂ Flush**

**Includes...**
Remote Flow System™
Mixed Gas and Vacuum Source

Flush Surface and Sealed Membrane.
Easy to Disinfect or Barrier Protect.

Ultra PC™ % Cabinet Mount Pkg. H

- Single-knob total flow control
- N₂O ratio control with 70% maximum
- Oxygen fail-safe; oxygen flush
- Oxygen resuscitation connector
- Emergency air valve
- Directional check valve
- Continuous O₂ & N₂O flow tubes

**Includes...**
Remote Flow System™
Mixed Gas and Vacuum Source

**Includes...**
Remote Flow System™
Mixed Gas and Vacuum Source

Order Chairmount Kit separately - see page 6
Chairside Delivery Systems

Remote Flow System™ Mounted at Patient Chair

- Eliminates long mixed gas and vacuum hoses draping from adjacent cabinets, providing easier access for the doctor
- Creates uncluttered, safer work zone for doctor and staff
- Minimizes displacement of patient mask caused by drag/pull and weight of long hoses
- Store scavenging circuit and rubber goods when not in use
- Chairmount Kits listed on page 6

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 available for a wide variety of dental chair brands.

Safety, Convenience, and Location, Location, Location.

Remote Flow System™ - Not So Remote!

Eliminate scavenging circuit hoses draping from cabinetry and keep your work zone clear and safe

See the back cover for templates and installation instructions
RFS™ Chairmount Kits

Chairside Delivery Systems
Remote Flow System™ Mounted at Patient Chair

Royal Chairs
31007-1 – Alliant Chairmount Kit (shown)
31007-2 – Signet, R16 and RS1 Chairmount Kit
31007-3 – PD2/OR2/OR3/GP2 (w/o light) Chairmount Kit
31007-4 – PD2/OR2/OR3/GP2 (with light) Chairmount Kit

Marus Chairs
31004-1 – MaxStar (no extras) Chairmount Kit
31004-3 – NuStar (no extras) Chairmount Kit

A-dec Chairs
31005-1 – 1040 Chairmount Kit (shown)
31005-2 – Decade Plus Chairmount Kit
31005-3 – 511 Chairmount Kit
31005-4 – 311 Chairmount Kit
31005-5 – 400 Series Chairmount Kit
31005-6 – Performer Chairmount Kit

Pelton & Crane Chairs
31003-1 – 1700 and 1800 Chairmount Kit
31003-2 – 3000 and 3300 Chairmount Kit (shown)
31003-3 – Enterprise Chairmount Kit

Midmark Chairs
31002-1 – Ultra Chairmount Kit (shown)
31002-2 – Elevance® Chairmount Kit
31002-3 – 641 Surgery Chairmount Kit

Forest Chairs
31001-1M (metric) – 3900 (no extras) Chairmount Kit
31001-1S (standard) – 3900 (no extras) Chairmount Kit
31001-3 – 3900 (assist pkg.) Chairmount Kit (shown)

Belmont Chairs
31006-1 – X-Calibur B-20N Chairmount Kit
31006-2 – X-Calibur V B-50 Chairmount Kit
31006-3 – Quolis™ Chairmount Kit
31006-4 – Pro II Chairmount Kit

DentalEZ Chairs
31009-1 – Simplicity Chairmount Kit
31009-2 – NuSimplicity Chairmount Kit
31009-3 – J/V-Generation Chairmount Kit

Engle Chair
31008-1 – 300 Chairmount Kit
Remote Flow System™ Mounted at Pole or in Cabinet

The most flexible and convenient vacuum and gas delivery control system you’ll ever own! It can be mounted inside a cabinet, on the outside of a cabinet or at the patient chair (not so remote!) – you decide. For use with Digital Ultra Flushmount or Ultra PC % Cabinet Mount flowmeters.

Scavenging Circuits for Remote Flow System™

32009 – PIP+™ Scavenging Circuit II (rubber goods)
33008 – PIP+™ Scavenging Circuit I (w/o rubber goods)
43004 – ClearView™ Scavenging Circuit II (rubber goods)
43006 – ClearView™ Scavenging Circuit I (w/o rubber goods)

All Accutron Scavenging Circuits include a complimentary sampling of Single-Use Nasal Hoods.

ClearView™ Scavenging Circuit

Spiral Vacuum Tube – 6’
Large Y Connector (Connects to Corrugated Main Tube)
Small Y Connector
Tube Slide Double
Double Connectors for Nasal Hood

Nasal Hoods, Scavenging Circuit & Rubber Goods are Latex Free!
Digital Ultra™
Oral Surgery 4-Cylinder Portable

All Accutron flowmeters are available as oral surgery units and, along with a scavenging system, include an oral surgery accessory package (47000). The oral surgery accessory package contains a full facemask, elbow with pop-off, directional Y valve and corrugated tube.

The Digital Ultra’s flush surface and sealed membrane make it easy to disinfect or barrier protect.

Specialty.

Oral Surgery Accessory Package

Surgical E-Vac Kit

The Surgical E-Vac Kit (34014) includes five 1500 ml single-use canisters, wall mount plate and mounting hardware (requires Vacuum Outlet 34011).

Replacement Canisters are available (34016 – five 1500 ml single-use canisters per pkg.)

Emergency Oxygen

Deluxe Portable Oxygen System

Includes:
- Demand Valve Resuscitator with O₂ O/C Fitting
- Adjustable Liter-Flow Regulator
- Adult Facemask
- Cylinder Wrench
- Portable Cart (O₂ cylinder not included)

Demand Valve Resuscitator

Oxygen Always Available.

Micro - O₂ Outlet

Oxygen Selector Valve
Manifolds & Outlets

Digi-Flo™ Digital Automatic Switching Manifold/Alarm System

Pre-install mounting bracket allows effortless installation!

New!

Digi-Flo™

Clear and Precise LEDs Displaying Line Pressures

Nitrous Oxide Reset Button

System Status

Nitrous Oxide Cylinder Status

Oxygen Cylinder Status

Oxygen Reset Button

Nitrous Oxide

Oxygen

Auto Switchover & Zone Valve required when installed in a “remote” location.

Cutting-edge Technology.

Favored for its advanced digital technology, the Digi-Flo™ Automatic System is user-friendly and convenient – it is designed to safely and precisely provide uninterrupted gas supply to the dental operatory.

Easily accessible components; field upgradable software. System allows for dual alarm panels and up to 4 zone valves.

Wall or Desk Alarm Systems
49150 – Desk Alarm
49250 – Wall Alarm
49350 – Desk Alarm & Security
49450 – Wall Alarm & Security
49550 – Zone Valve (if required)
49053 – 2nd Wall Alarm Pre-Install Kit
49054 – Digi-Flo 2nd Wall Alarm
49054-S – Digi-Flo 2nd Wall Alarm with Security
27985-FRU – Digi-Flo™ Optional Conduit Kit
27954-FRU – Matrx Manifold Adapter Kit

Above packages include all manifold system components as well as a pre-install kit. To order without pre-install kit, add -NP to part number.

Guardian Monitor™ Conventional Manifold/Alarm System

The Guardian Monitor™ System is typically chosen by clinicians looking for an economical manifold purchase and who don’t mind taking a walk to the storage area to manually switch over cylinders.

Wall or Desk Alarm Packages
38002 – Wall Alarm (2 O₂ + 2 N₂O)
38003 – Desk Alarm (2 O₂ + 2 N₂O)
38004 – Wall Alarm (2 O₂ + 1 N₂O)
38005 – Desk Alarm (2 O₂ + 1 N₂O)
39550 – Zone Valve (if required)

Above packages include all manifold system components as well as a pre-install kit. To order without pre-install kit, add -NP to part number.

Micro Outlets
34012-3 – Triple Outlet Kit
34012-3-NS – Triple Outlet Kit
without Shut Offs

Recessed Outlets
34004 – Triple Outlet (shown)
34005 – Dual Outlet

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 offer flexibility that isn’t always possible with a fixed mounted outlet station.
Installation Diagram & Template: Ultra PC™ % Cabinet Mount 36800

Ultra PC™ % Cabinet Mount

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

Ultra PC™ % Cabinet Mount

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

Cut-out dimensions not to scale.
Digital Ultra™ Flushmount

Slimline design separates control module from gas supply module and offers:
- More accessible cabinet space
- Flexible installation choices
- Mounting in wall as an option (NFPA-approved)

Options for vacuum system controllers include:
- Standard Bag Tee,
- Accu-Vac or
- Remote Flow System.

FLOWMETER CUTOUT

Cut-out dimensions not to scale.

Bracket is included with flowmeter.
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 (Locate separate chair mounting kit and instructions)
   e) Complete connections of all hoses

Digital Ultra™ Flushmount
56800-CHAIR

Ultra PC™ % Cabinet Mount
36800-CHAIR