



FLOWSTAR NITROUS FLOWMETERS & COMPONENTS

# FLOWSTAR Touch & Analog

Bringing Nitrous Oxide / Oxygen Sedation  
to the next level with multiple innovations

**AIR**  
**TECHNIQUES** equipped for life

# FLOWSTAR

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## Our Newest Member of the All-Star Team

- 2024:** FLOWSTAR Nitrous Equipment
- 2022:** FLOWSTAR Double Nasal Hoods & Scavenging Circuits
- 2021:** Mojave Vent-Less and VacStar Vent-Less Systems, Mojave LT 5 Dry Vacuum
- 2020:** Mojave Mobile Vacuum Solution & Acadia Plus
- 2017:** Mojave LT3
- 2016:** AirStar 100 Air Compressor
- 2015:** AirStar NEO Air Compressor, VacStar NEO Wet Vacuum System
- 2012:** Mojave Dry Vacuum
- 2010:** Acadia Amalgam Separator
- 2009:** Next Generation VacStar
- 1987:** VacStar
- 1972:** A-Series Compresso Dri: The first Oil-Less Air Compressor
- 1962:** Air Techniques was founded in Hicksville, NY; Dento Dri



Air Techniques is the pioneer in air compressors and vacuum systems since 1962. We are grateful that dentists trust in our products for over 60 years. This trust made us the most sold brand for utility room products in the USA and in Canada.

Nitrous Oxide / Oxygen scavenging systems benefit from a high quality vacuum system. With the help of a reliable vacuum system it can be administered safely within your practice. Nitrous Oxide / Oxygen Sedation is the next natural fit for Air Techniques.

DIFFERENT AT FIRST SIGHT



## FLOWSTAR Touch Digital Mixer Flowmeter

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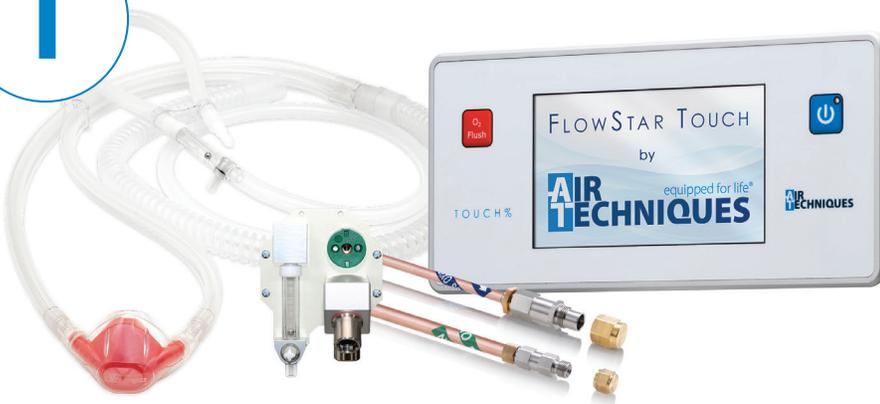
FLOWSTAR Touch is the next generation of nitrous oxide sedation Flowmeter that combines timeless elegance with superior technology. The innovative flat touchscreen control fits perfectly with a modern practice.

## Key Features:

- Easy to use touchscreen saves time
- Automatic fail-safe protection to shut off nitrous when there's a loss of oxygen for patient safety
- 18L total flow rate for treating patients with larger lung capacity
- Acoustic and visual information signals for patient safety
- Integrated error and assessment memory
- Auto compensating feature controls total gas flow when adjustments are needed saving time and money
- Positioning of gas delivery and Scavenging control for more flexible installations

## Packages

1



### FLOWSTAR Touch

- Single use nasal hoods, scavenging circuits & 3 Liter breathing bag
- Gas Control System (GCS) incl. Bag-T, vacuum control & oxygen outlet
- DISS piping & installation kit

2

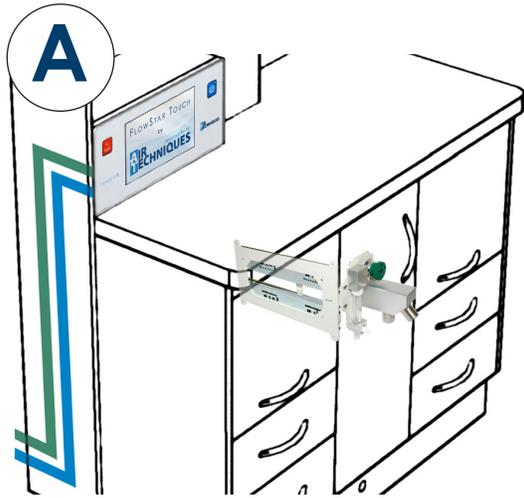


### FLOWSTAR Touch Flex

- Single use nasal hoods, scavenging circuits & 3 Liter breathing bag

# 1

## FLOWSTAR Touch: Mounting options

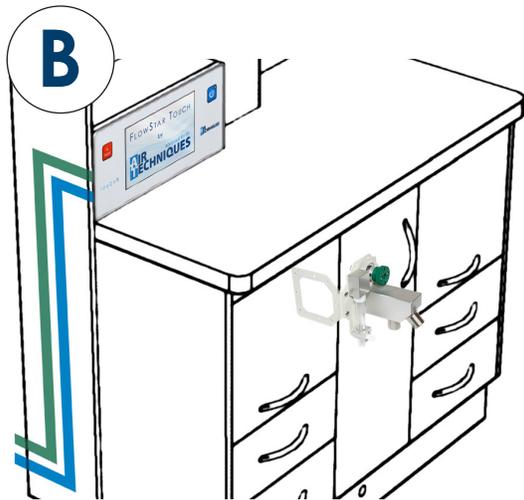
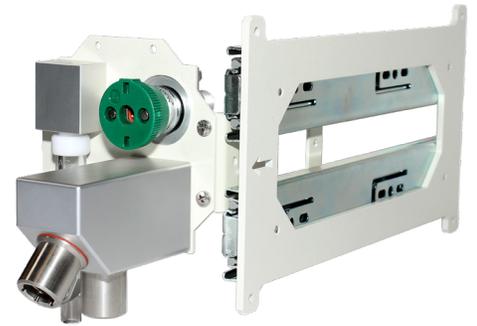


### Cabinet: Slide Mount

Package Part No.: NFT6410

Universal mounting  
(left, right, center)

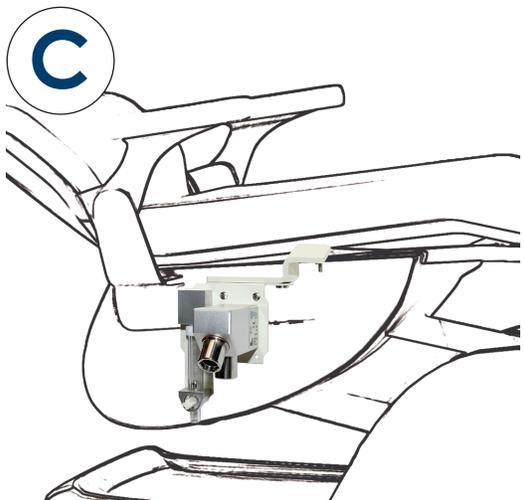
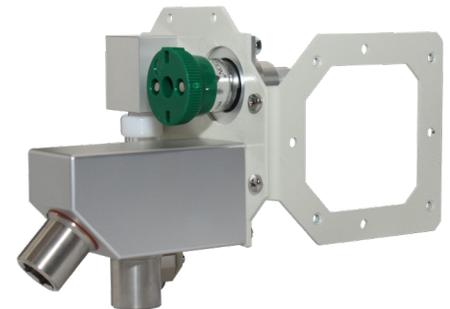
*Central Gas Supply (4 + A)  
must be ordered separately!*



### Cabinet: Fixed Bracket

Package Part No.: NFT6420

*Central Gas Supply (4 + A)  
must be ordered separately!*



### Chair Mounting System

Package Part No.: NFT6430

*Central Gas Supply (4 + A)  
must be ordered separately!*



# 2

## FLOWSTAR Touch Flex: Mounting options

### A

#### Wall Mount

Package Part No.: NFT6520

- Telescoping swing wall arm (180°)
- Height: 8" | Width: 3"
- Telescoping arm extends 6"
- Including mounting stud

*Central Gas Supply (4 + A + B or C) must be ordered separately!*



Gas supply Hoses must be ordered separately

### B

#### Mobile Cart

Package Part No.: NFT6510

- 5-leg base mobile mount
- Two locking wheels
- Adjusts 31-38" (top of Flowmeter)

*Central Gas Supply (4 + A + B or C) must be ordered separately!*



Gas supply Hoses must be ordered separately

### C

#### E-Stand Package

Package Part No.: NFT6522

- Portable E-Stand
- Single use nasal hoods
- Scavenging circuits with VAC-control & 3 Liter breathing bag
- Cylinders not included



### Upgrade your package with: Emergency Demand Valve & Resuscitator

- Provides fast, effective method to ventilate the non-breathing patient
- Provides 40 L / min. manual flow preventing gastric distention and in excess of 140 L / min. flow on demand by the patient



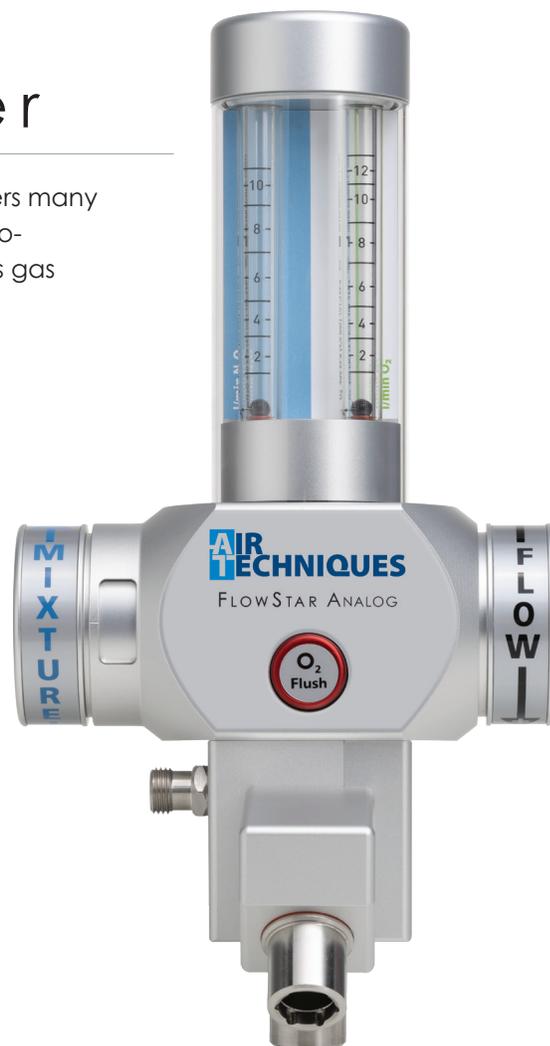


## FLOWSTAR Analog Analog Mixer Flowmeter

The FLOWSTAR Analog is built with high quality, wear resistant materials and offers many functions, which are highly valued by users in the everyday practice. The auto-compensating total flowrate secures a balance between oxygen and nitrous gas when adjusting N<sub>2</sub>O percentage, which saves time and costs.

### Key Features:

- One knob operation which controls total gas flow when adjusting to save time and money
- 15L total flow rate for treating patients with larger lung capacity
- Audio warning sound for low oxygen prevents disruption during procedures
- High quality & wear resistant materials for more reliability & longevity



# Packages

3



## FlowSTAR Analog

- FlowSTAR Analog
- Single use nasal hoods
- Scavenging circuits with VAC-control & 3 Liter breathing bag

3

## FlowSTAR Analog: Mounting options

A

### Wall & Cabinet Mount

Package Part No.: NFA4420

- Telescoping swing wall arm (180°)
- Height: 8" | Width: 3"
- Telescoping arm extends 6"
- Including mounting stud

*Central Gas Supply (4 + A + B or C) must be ordered separately!*



Gas supply Hoses must be ordered separately

B

### Mobile Cart

Package Part No.: NFA4410

- 5-leg base mobile mount
- Two locking wheels
- Adjusts 31-38" (top of Flowmeter)

*Central Gas Supply (4 + A + B or C) must be ordered separately!*



Gas supply Hoses must be ordered separately

C

### E-Stand Package

Package Part No.: NFA4422

- Portable E-Stand
- Single use nasal hoods
- Scavenging circuits with VAC-control & 3 Liter breathing bag
- Cylinders not included



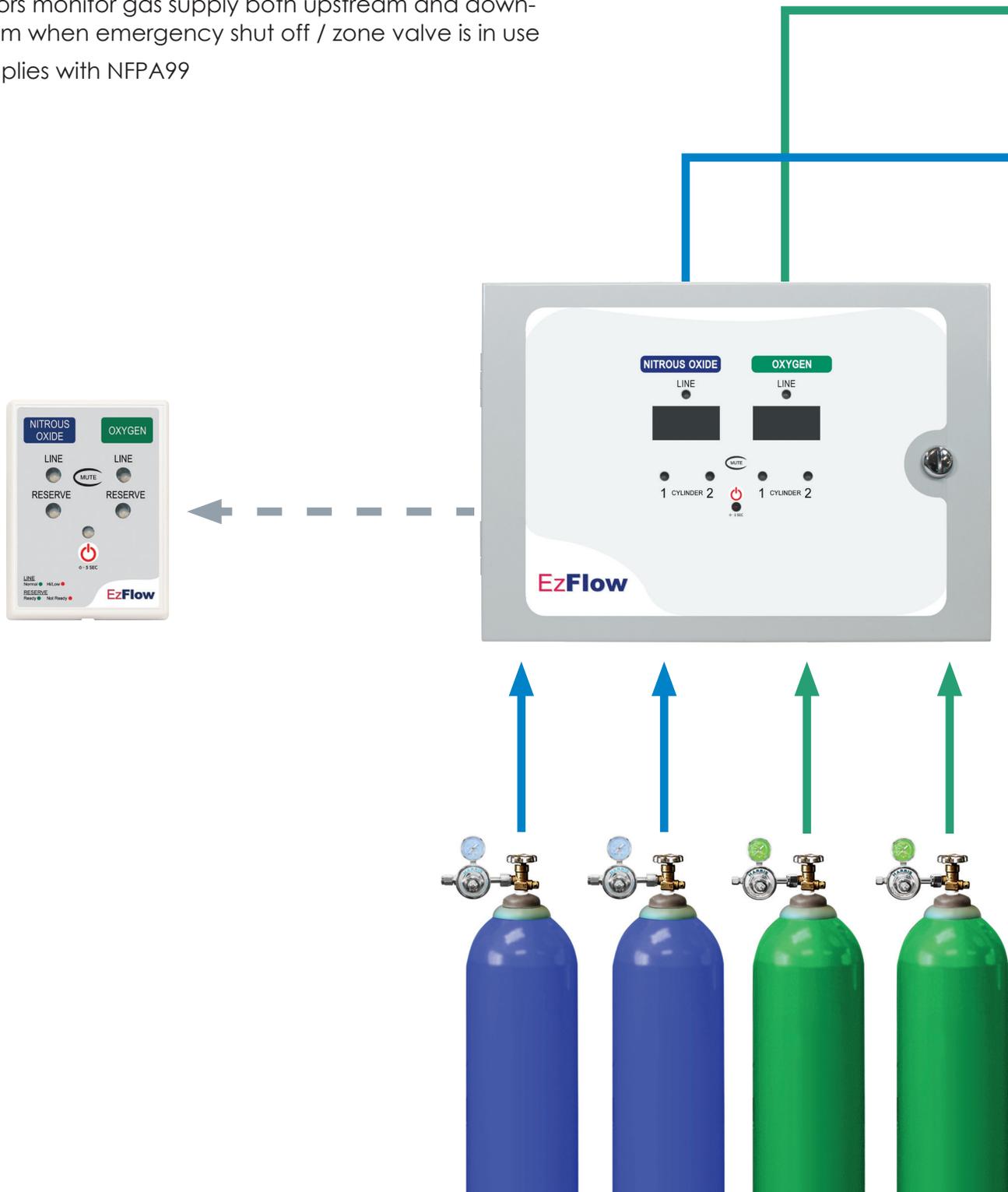
# 4

## Central Gas Supply: Manifold System incl. Alarm Panel

### Manifold System *incl.* Alarm panel

Part No.: NMS9100

- Easy to read LED display indicates gas pressure and cylinder status
- Fully Automatic Changeover from in-use to reserve cylinders
- Sensors monitor gas supply both upstream and downstream when emergency shut off / zone valve is in use
- Complies with NFPA99



**A**

# Emergency Shut Off / Zone Valve



## Valve Box

Part No.: NZ9200

- In office emergency shut off for oxygen and nitrous
- Downstream pressure sensors monitor gas pressures.

**B**

## Gas Outlet Options



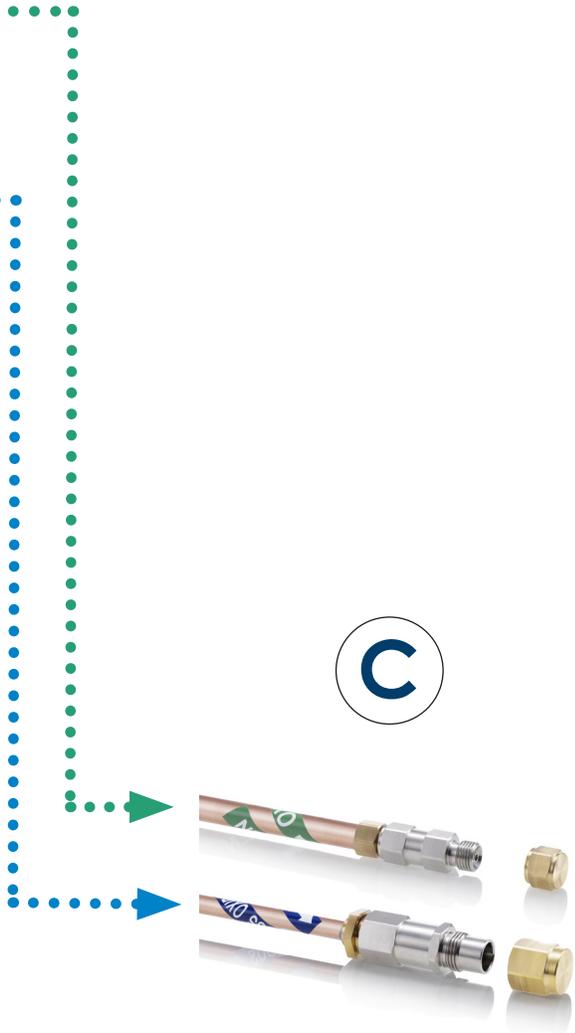
## Triple

Part No.: NO9403

Versions:

- Ohio/Ohmeda QC  
Oxygen & Nitrous oxide

**C**



## DISS Piping Kit

Part No.: NRPK002

Compatible  
with most nitrous  
oxide / oxygen  
Flowmeters



## FLOWSTAR Scavenging Circuits & FLOWSTAR Nasal Hoods

Nitrous Oxide / Oxygen Scavenging Circuits. Fully autoclavable scavenging circuit provides for safer delivery and monitoring

CO2 Adaptor for  
Nasal Hoods



Autoclavable  
Nasal Hoods



# 5

## Scavenging circuit & Nasal Hoods



Strawberry Delight



Chilla Vanilla



BOUNCY BUBBLE

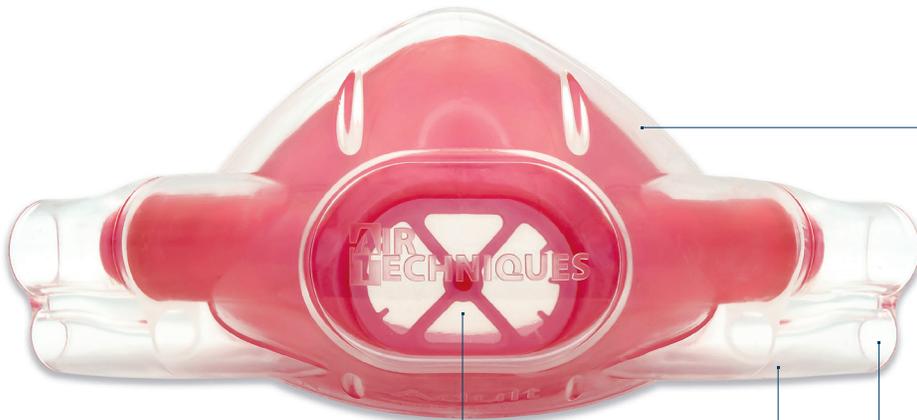


Blueberry Dance



PURE GHOST

### Innovations at a Glance



#### Patient Comfort



- Soft inner hood improves seal and patient comfort
- Clear outer hood sits closer to the patient's face, increasing scavenging efficiency of exhaled gases and allowing visual monitoring of patient's breathing
- Latex-free material protects patients and staff who have latex allergies

#### Safety for Staff



- Double hood design minimizes ambient nitrous oxide in the operator
- FLOWSTAR Double Nasal Hoods utilize an oval exhalation valve that directs exhaled gases to the built-in scavenger "flow channels", maximizing efficiency US patented\*

#### Compatible

- Universal fit with other double tubing scavenging circuits allows for use of your existing systems with the FLOWSTAR Double Nasal Hoods

#### Size Matters



- **Size Matters!** Lower profile provides improved "sight line" visibility for the dental staff and therefore allows better access to the oral cavity
- **Accurate fit!** The softer inner hood seals to the face to ensure proper gas delivery to the patient

# FLOWSTAR Products and Parts

## DIGITAL FLOWSTAR

Part Number	Product/Package	Description
NFT6400	1	Touch Flowmeter package, Scavenging circuit, 3 Liter Bag
NFT6410	1+A	Touch Flowmeter package, GCS, cabinet slide, DISS piping kit, Gas hoses, installation package
NFT6420	1+B	Touch Flowmeter package, GCS, Fixed bracket, DISS piping kit, Gas hoses, installation package
NFT6501	2	Touch Flex Flowmeter package, Scavenging circuit, 3 Liter Bag
NFT6510	2+ A	Flex Flowmeter package, mobile stand for FLOWSTAR analog flowmeter 5 leg base w/wheels and meter mounting post
NFT6520	2 + B	Flex Flowmeter package and telescoping wall bracket with mounting stud
NFT6522	2+ C	Flex Flowmeter package, 4 cylinder mobile e-stand assembly complete with 5 leg base, e-block assembly, and pressure hoses (O2 and N2O)
NFT6430	1+C	Touch Flowmeter package, GCS for chair mounting, remote O2 outlet, DISS piping kit, Gas hoses, installation package Chair mounting

## ANALOG FLOWSTAR

Part Number	Product/Package	Description
NFA4400	3	Analog Flowmeter, Scavenging circuit, 3 Liter bag
NFA4420	3+A	Analog Flowmeter package, Analog wall bracket with mounting stud and nut
NFA4410	3+B	Analog Flowmeter package, Mobile Stand for FLOWSTAR Analog Flowmeter 5 leg base w/wheels and meter mounting post
NFA4422	3+C	Analog Flowmeter package, 4 cylinder mobile E-stand assembly complete with 5 leg base, e-block assembly, and pressure hoses (O2 and N2O)

## CENTRAL GAS SUPPLY

Part Number	Product/Package	Description
NMS9100	4	Complete Automatic Changeover Manifold System with Wall mounted Alarm, 2 + 2, with pre-install kit
NZ9200	A	Zone/Emergency Shut-off Valve, Manual shut-off, pressure switches, Pressure Gauges
NO9403	B	Ohio/Ohmeda QC triple wall (concealed) gas outlet, O2, N2O, Vac
NRPK002	C	2 valve kit (Oxygen and Nitrous Oxide) Risers, check valves, caps

## EMERGENCY EQUIPMENT

Part Number	Description
NSP09144	Universal Mask, Demand Valve Resuscitator
NDV1010	Oxygen Demand valve Resuscitator with 6 ft long DISS x DISS hose, Full face mask
NDV1020	Oxygen Demand valve Resuscitator with 6 ft long DISS x DISS hose, Full face mask, Ohio/Ohmeda QC fitting
NDV5000	Oxygen Demand valve Resuscitator with 6 ft long DISS x DISS hose, Full face mask, Premium Oxygen E-cylinder regulator with Pressure gauge, 2 DISS hi-flow connection, and adjustable LPM flow control with canula barb, Mobile Cart for E-cylinder

**FLOWSTAR DOUBLE HOOD SCAVENGING CIRCUITS**

Part Number	Description
<b>NSC-1VCB</b>	Kit, FLOWSTAR; Scavenging circuit w/ vac control block, nasal hoods, and adult 3 Liter breathing bag
<b>NSC-101</b>	Kit, FLOWSTAR; Scavenging circuit, nasal hoods, and adult breathing bag
<b>NSC-001</b>	Nitrous, double hood scavenging circuit including single use nasal hoods, 3 adult (scent blueberry dance) and 3 pediatric (scent strawberry delight)
<b>NSC-VCB</b>	Nitrous, double hood scavenging circuit w/ vacuum control block including single use nasal hoods, 3 adult (scent blueberry dance) and 3 pediatric (scent strawberry delight)
<b>NSC-2VCB</b>	Kit, FLOWSTAR; Scavenging circuit w/ vac control block, nasal hoods, and pediatric 2 Liter breathing bag
<b>NSC-201</b>	Kit, FLOWSTAR; Scavenging circuit, nasal hoods, and pediatric breathing bag
<b>NSP0203</b>	FLOWSTAR Breathing bag, single use, 3 Liter
<b>NSP0204</b>	FLOWSTAR Breathing bag, single use, 2 Liter

**FLOWSTAR DOUBLE NASAL HOOD, SINGLE USE**

Part Number	Description
<b>NHA12BD</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Blueberry Dance Scent
<b>NHP12BD</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Blueberry Dance Scent
<b>NHA12SD</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Strawberry Delight Scent
<b>NHP12SD</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Strawberry Delight Scent
<b>NHP12BB</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Bouncy Bubble Scent
<b>NHA12CV</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Chilla Vanilla Scent
<b>NHP12CV</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Chilla Vanilla Scent
<b>NHA12PG</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Pure Ghost Non Scented
<b>NHP12PG</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Pure Ghost Non Scented
<b>NHAA101</b>	FLOWSTAR Double Nasal Hood Autoclavable Clear, Adult, single liner, non scented
<b>NHAP101</b>	FLOWSTAR Double Nasal Hood Autoclavable Clear, Pediatric, single liner, non scented

**FLOWSTAR DOUBLE NASAL HOOD, SINGLE USE / CO2 ADAPTERS**

Part Number	Description
<b>NHA12BD-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Blueberry Dance Scent, 12 pack of CO2 adapters
<b>NHP12BD-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Blueberry Dance Scent, 12 pack of CO2 adapters
<b>NHA12SD-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Strawberry Delight Scent, 12 pack of CO2 adapters
<b>NHP12SD-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Strawberry Delight Scent, 12 pack of CO2 adapters
<b>NHP12BB-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Bouncy Bubble Scent, 12 pack of CO2 adapters
<b>NHA12CV-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Chilla Vanilla Scent, 12 pack of CO2 adapters
<b>NHP12CV-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Chilla Vanilla Scent, 12 pack of CO2 adapters
<b>NHA12PG-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Adult, Pure Ghost Non Scented, 12 pack of CO2 adapters
<b>NHP12PG-CO2</b>	FLOWSTAR Double Nasal Hood Single Use, Pediatric, Pure Ghost Non Scented, 12 pack of CO2 adapters
<b>NHCO2-K</b>	Adapters only, 12 per bag for FLOWSTAR Nasal Hoods



[airtechniques.com](http://airtechniques.com)

# Over 60 Years of Proven Performance

Air Techniques is the pioneer in air compressors and vacuum systems since 1962. We are grateful that dentists trust in our products for over 60 years. This trust made us the most sold brand for utility room products in the USA.



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