

NITROUS OXIDE SEDATION

MADE
IN
GERMANY



WELCOME

to Baldus Sedation GmbH & Co. KG

» Your certified Specialist for **Nitrous Oxide Sedation** and **Medical Gases**



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THE BALDUS FAMILY, OWNED AND MANAGED IN THE 2ND GENERATION:

from left to right: Marita and Ulrich Baldus, son Fabian
with his wife Lisa and their children Charlotte and
Helena.

COME JOIN THE REVOLUTION!

Dear Partners,

we are a family-owned business.
The name Baldus has a far greater meaning for us.
It means: Wherever you see the Baldus brand, you can
rely on it! Uncompromising quality and commitment to
you and your customers. We pay attention to the smallest
details. Our standard is to provide the best products,
excellent sales consultants and a fully trained service
team. With our Baldus Nitrous Oxide systems, we have
taken a step further:

That way we can help the dentists to improve the overall
care so they can provide the best treatment to their
patient. We have already established our products all over
Europe, parts in Africa, Asia, North American and even
Australia.

To provide the best service, we focus only on high quality
products, new innovations in combination with a detailed
and modern design. The Baldus solution is simply
superior, convincing in every sense.
Hygiene – Useability -Design – Efficiency -Compliance

*We have taken the
revolution of dental nitrous
oxide sedation into our
hands!*

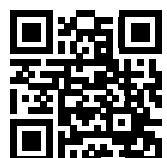
This is how doctors can make their patients happy with
Baldus products. Efficient, user-friendly features make it
easier and faster to complete dental procedures.

And let's not forget:

The Baldus Nitrous Oxide sedation system is a marketing
boost for every practice! With our help, it can be easily
promoted to the patients. E.g. on social media, website or
with the marketing kit in the waiting room of the dental
practice.

We recognized that dentists want to adopt new
technologies with practical solutions that are easy to use
in practice. Our products meet these requirements with
our new developed technology and unique system.

With all the advantages it is a win-win situation for you
and your patients. We personally invite you to join the
Baldus family! Using our products will give you the tool
you need to provide the best possible dental care for your
patients.



SUCCESS | 2019
VORSPRUNG DURCH INNOVATION



Dental Nitrous Oxide Sedation

Anxiety free experience with Nitrous Oxide Sedation

The German Society of Oral and Maxillofacial Medicine estimates that up to 61% of the population fear the visit to the dentist. 20% of this percentage are considered to be highly anxious, and up to 10% avoid dentist completely due to severe anxiety.*

Baldus has the solution for you and your patients:

Inhalation sedation with nitrous oxide and oxygen – is suitable for all ages. Your patient's fear or anxiety will be greatly reduced which will make for a far better atmosphere for both the patient and dentist. This will also allow for a better and more efficient treatment.

Nitrous oxide, or N_2O , has been used successfully for more than 160 years in dentistry. The mix of N_2O and O_2 is the safest most researched and oldest sedation method. It's safe and non-toxic and when treatment is finished, the patient is given 100% oxygen, and within 15 minutes after session the patient is N_2O free. Compared to general anesthesia, the patient is fully conscious and able to communicate.

How does nitrous oxide work? During the treatment oxygen and nitrous oxide are mixed which is individually to the patient's needs. It starts with 100% oxygen then N_2O is raised successively until desired sedation is reached. While the patient is inhaling and exhaling the oxygen-nitrous oxide mixture, you and your team can start the treatment. Finally, the patient inhales 100% oxygen again, and within 15 minutes after session the patient is N_2O free.

The advantages of Nitrous Oxide Sedation

- + REDUCTION OF PAIN SENSITIVITY**
20% nitrous oxide has the same analgesic potency as 15mg morphine sc.
- + A MORE GENTLE SEDATION**
No anesthesia – patient is conscious and cooperative.
- + REDUCED GAGGING REFLEX**
Decreased gagging reflex and retching makes treatment faster and more comfortable.
- + EFFICIENCY & TIME SAVING**
A patient with less anxiety is more cooperative and can be treated much more efficiently.
- + TITRATION**
Optimal sedation by individually adjusted nitrous oxide mixture!
- + ALMOST NO RISKS**
 N_2O is a sedative with the lowest side effects!
- + NO ADVERSE EFFECTS**
Gentle sedation. No metabolism (< 0.1 %). Recovery occurs within a few minutes. Fit to drive within 15 minutes.
- + MILLIONS OF PATIENTS**
Millions of patients worldwide have been treated with nitrous oxide and have overcome their anxieties regarding dental treatment. Almost everyone would choose nitrous oxide again.
- + MARKETING & SERVICE**
Nitrous Oxide Sedation can be a unique selling point with a positive marketing effect for your practice.

* Reference: Müller, Ingrid: Angst essen Zähne auf.
In: Focus-Gesundheit September/October 2015







US Patented
No. 10,065,159 B2

OXYGEN-NITROUS OXIDE MIXER

» The core of each Nitrous Oxide Sedation, the Mixer Unit.

Baldus presents two types of mixer units from its own production. The **Baldus® Analog** with its elegant design and its intuitive handling. The digital mixer unit **Baldus® Touch** combines the latest technology and innovative features and is a world debut on the dental nitrous-oxide market throughout the world.

What is the difference between the Baldus mixer units and other Oxygen - nitrous oxide mixer units?

 **Created in Germany**
 **Designed in Germany**
 **Made in Germany**

THE WORLD DEBUT BALDUS® TOUCH

Timeless elegance combined with high technology – the Baldus® Touch.

Our everyday lives are unimaginable without the use of touchscreens. The Baldus® Touch is the next generation of digital oxygen – nitrous oxide mixer units. The new display menu functions and system settings give the Baldus® Touch the status of a modern and distinctive mixer unit on the dental nitrous-oxide market.

+ US PATENTED

+ HIGH-TECHNOLOGY

- **Touch-function** with a brilliant screen resolution.
- **Easy documentation** for the patient's treatment parameters and patient's ID.
- **Thermic measurement** works essentially independent from pressure and temperature, so therefore guaranties a shorter reaction time.
- **Software & Hardware Watchdog** guaranty safety.

+ BALDUS® TOUCH FEATURES

- **Recovery button:** at the end of all sedation treatments the recovery button is pushed, which will produce a flow of 100 percent oxygen and a countdown will start.
- **Error memory:** in the documentation memory there is an error memory, which records the last 20 erros, which can be used for an analysis with the dentist and the Baldus service team.
- **Maximum total flow of 18 l/min:** The breathing bag will always be filled sufficiently, especially for patients with anxiety problems or patients with a bigger lung volume.

+ HIGH SAFETY STANDARDS

- **Self-test** at power on, also in Standby mode.
- **Nitrous oxide lock** when lack of oxygen.
- **Acoustic and visual information signals.**
- **User-friendly single button control.**
- **Red O₂-Flush-Button** for immediate, 100% oxygen supply.
- **Non-rebreathing valve** on the Bag-T.
- **Ambient air valve** on the Bag-T.
- **O₂ Demand Mask-Port.**
- **Standard coding of the gas types.**

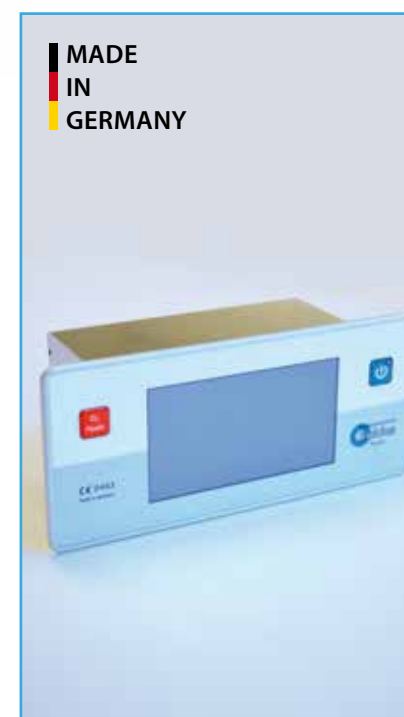
>> The 21st Century Mixer Unit The Baldus® Touch



+ HYGIENIC DESIGN

- **Fast and easy cleaning** due to flat fronts and rounded corners.
- **Intelligent placement** of the ambient air valve under the Bag-T protects from dust and other pollutants.
- **Filters** where the gas enters to keep any impurities away.
- **Microbiological testing:** requirements regarding the hygienic standards during production and packing are 100% fulfilled.

- + US Patented
- + Touchscreen
- + Automatic data documentation
- + Automatic lead out by recovery button
- + Maximum total flow of 18 l/min
- + O₂-Flush-Button
- + Self-test-function & error memory
- + Software & Hardware Watchdog
- + Thermic measurement



Mixer Unit „Baldus® Touch O₂/N₂O Mixer for Analgesia“

Details:

- Digital mixer unit controlled via HQ-touchscreen
- Max. mixing concentration 50%, 60% or 70% N₂O (Standard delivery 70%)
- Mixing ratio is precisely setttable over the % arrow key
- Automatic adjustment of the outcoming flow (user-friendly single-button control)
- Oxygen Flush for an immediate oxygen supply over a red-signal button
- Upgraded premium safety package with acoustical and visual information signals
- Self-test-function
- Automatic nitrous-oxide stop in case of lack of oxygen
- Non-rebreathing valve on the Bag-T
- Ambient air valve (when reservoir bag empty)
- Connection coding of the gas types
- O₂-Demand Mask-Port
- USB-Port
- Oxygen nitrous oxide mixer unit offers the possibility of installation in the All-in-One-Cart 15005T, in a hollow wall or in the door of a working unit
- Input voltage: 110/ 230V AC, 50-60Hz
- Dimensions (Height x Width x Depth): 136 x 300 x 119 mm
- Weight: 2,5 kg
- US Patented No. 10,065,159 B2
- German Innovation Award Winner 2019

Delivery contains Mixer Unit and Bag-T; without mounting and scavenger system.
2 years warranty when concluding a maintenance agreement.

Art.-No.	Article
16010-50	Baldus® Touch-50% N ₂ O
16010-60	Baldus® Touch-60% N ₂ O
16010-70	Baldus® Touch-70% N ₂ O

BALDUS® ANALOG

+ US PATENTED

+ HIGH-QUALITY ROBUST MATERIAL

- Rugged in design and with over 92% of the mixer unit manufactured in **aluminium and stainless steel**

+ HYGIENE

- More **hygienic and easy to clean** due to flat surfaces with less prominent edges
- **The installation comes with a fresh air valve** which is under the Bag-T to prevent infiltration of dust and other pollutants

+ NEW FEATURES

- **Acoustic signal** in the event of a lack of oxygen (decrease in pressure under 3 bar)
- **Tamper-resistant:** Opening the mixer is only possible with a purpose-built-in tool
- Due to a **maximum flow** of 15 l/min the bag is always sufficiently filled
- **Centrally-placed an O₂ flush button** for a 100% oxygen supply and a quick reaction
- **Easily-readable nitrous oxide concentration:** Baldus® Analog displays the percentage of nitrous oxide concentration and not the oxygen concentration – no need to convert the gases concentration, therefore less misjudgement



Mixer Unit „Baldus® Analog O₂/N₂O Mixer for Analgesia“

Details:

- Max. mixing concentration 50%, 60% or 70% N₂O (Standard delivery: 70% N₂O)
- CE-certified
- Mixing concentration precisely adjustable by %-N₂O regulator
- Automatic adjustment of output flow in case of increased N₂O-intensity (single-button operation)
- ISO colour coding
- Red marked O₂ flush button at the front of the device for immediate oxygen supply
- Premium safety package

- Automatic nitrous oxide stop and advisory tone in case of a lack of oxygen
- Non-rebreathing valve
- Ambient air valve (when the reservoir bag empty)
- Coding of the gas types for connection
- O₂ Demand Mask-Port
- Connection for emergency ventilation mask
- Width x Length x Height: 155 x 148 x 270 mm
- US Patented No. 10,065,159 B2

Art.-No.	Article
16009-50	Baldus® Analog-50% N ₂ O
16009-60	Baldus® Analog-60% N ₂ O
16009-70	Baldus® Analog-70% N ₂ O

Delivery contains Mixer Unit and Bag-T; without mounting and scavenger system.
2 years warranty when concluding a maintenance agreement.

Work smarter.
Not harder.
Baldus® nitrous oxide sedation.



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STARTER SET
NITROUS OXIDE SEDATION
FOR ADULTS

For a smooth start with Nitrous Oxide Sedation we offer a comprehensive set. We provide an overview about the important elements of the Nitrous Oxide Sedation that will help you start successfully in your practice.

The package price includes

Item no.	Product	Baldus® Touch Set	Baldus® Analog Set
16010	Mixer Unit „Baldus® Touch O ₂ /N ₂ O Mixer for Analgesia“	4	
16009	Mixer Unit „Baldus® Analog O ₂ /N ₂ O Mixer for Analgesia“		4
16024-1	Baldus® Adult Double Mask Scavenger System, the package includes: autoclavable outer mask and inner mask, complete hose system and hose connectors	4	4
16002	Baldus® Vacuum Control Block with regulator valve	4	4
15015-3L	3-Liter Adult Reservoir Bag, latex free and autoclavable	4	4
15020	Ultraslim Cylinder Pressure Regulator O ₂ including medical hose	4	4
15021	Ultraslim Cylinder Pressure Regulator N ₂ O including medical hose	4	4
15004S	All-in-One-Cart Ultra Slim, encased portable cart for Baldus® Touch and Analog O ₂ /N ₂ O Mixer, Dimensions: 108 x 38,5 x 29 cm, 25 kg, Colour: matt white	4	4
	Marketing-Package: video with english subtitles for waiting room, information flyer for patients and medical devices book	4	4



Starter Set
Baldus® Touch
All-in-One Ultra-Slim



Starter Set
Baldus® Analog
All-in-One Ultra-Slim



BALDUS TOUCH/ANALOG

All-in-One Ultra Slim

BALDUS® TOUCH - OXYGEN NITROUS OXIDE DEVICE HIGH-TECHNOLOGY, GREAT FEATURES, HIGH SECURITY STANDARD

Timeless elegance combined with superior technology! The Baldus® Touch is the next generation of nitrous oxide devices. It is the only nitrous oxide mixer on the market that is fully digital with great menu features and extensive system settings.

- Touchscreen – More usability and more possibilities
- Automatic patient documentation and data export
- Automatic rejection function
- Maximum flow 18 l/min.
- O₂-Flush button and complete fail-safe system
- Automatic self-test
- Fault memory
- Precise thermal measurement method
- More fun at work!
- Made in Germany!



UPGRADES FOR THE BALDUS® TOUCH/ANALOG

ONE DEVICE- MANY POSSIBILITIES



Customize your nitrous oxide cart to match the color of your practice facility or simply to your taste. The possibilities are endless. Choose between many available RAL colors. You can even choose a high gloss finish or for example a dark grey matte finish. For an exclusive, elegant look you can get the cart in solid wood (e.g., Oak)

SPECIAL SURFACE FINISH:

- Example: Black matt

SPECIAL EDITION:

- Solid Wood

GLASS COVERS:

- In all RAL colors available



» UPGRADES FOR THESE ARTICLES (Art.-Nr.: 15004AS and 15004TS)

Art.-Nr.	Article
15010GRAL	Add on - Glass Covers in all RAL colors available
15010S	Add on - Special Surface Finish
15010H	Add on - Special Edition: Solid Wood

BALDUS® SCAVENGERSYSTEM

The environmentally friendly companion for
inhalation sedation with nitrous oxide.

What makes the Baldus double nasal mask
scavenger system one of a kind?

+ SUSTAINABILITY

- Eco-friendly mask system.
- All parts – the tube system and the outer and inner mask with all the connectors – are autoclavable.
- Cost-saving – no consumption items.

+ HANDLING

- Unrestricted space for the dentist and his team.
- Easy handling.
- Markings and different sizes for an easy set up procedure.
- The patient's breathing can be constantly observed due to the translucent materials of the outer mask.
- The Baldus® Scavenger System is compatible with all oxygen-nitrous oxide mixer units.

+ SAFETY

- Special focus was put on the Scavenger System regarding leaking gases and air contamination during design development.
- The choice of userfriendly flexible materials ensures a perfect fit to all patient's face shapes.
- For greater safety the connectors have a bridge that avoids any mistakes when assembling the masks.



3 Sustainable
3 Eco-friendly
3 High-quality

The Baldus® double nasal mask
scavenger system – the eco-
friendly system for the inhalation
sedation with nitrous oxide.



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+ MATERIAL

- Use of translucent, soft and supple silicone.
- Latex free and autoclavable.
- Biocompatibility confirmed.

+ PATIENT COMFORT

- The userfriendly material prevents uncomfortable pressure marks on the skin of the patient.
- An oval membrane allows a minimal resistance during exhaling, which ensures a better and easy discharge exhaled gases.
- Thanks to the bigger volume of the inner masks, which allows optimal flow for the patient's inhaling and exhaling.

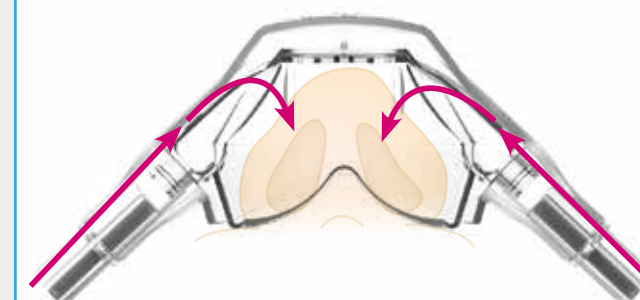
Operating mode of the mask system:

How does the Baldus® Scavenger Breathing System work? Because of the exhalation in the inner mask the membrane opens and the exhaled gas enters the outer mask. The suction in the outer mask is separate from the inner mask, so the patient can breathe without resistance. This reduces the straw effect from other mask systems.

The double nasal mask system protects the dentist and his team successfully from the exhaled gas. The supple, autoclavable nasal masks are easy to change and available for adults and children, which are available in different colours and scents: Blueberry Dance, Bouncy Bubble, Happy Apple, Strawberry Delight and Chilla Vanilla.

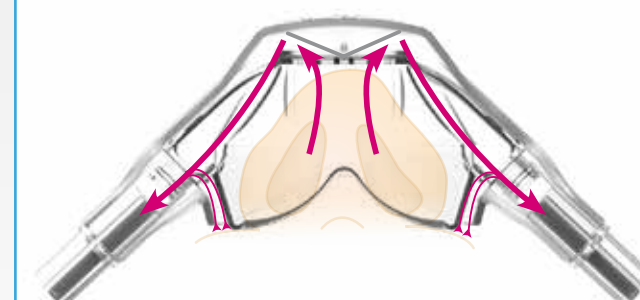


Baldus® Double Mask Scavenger System



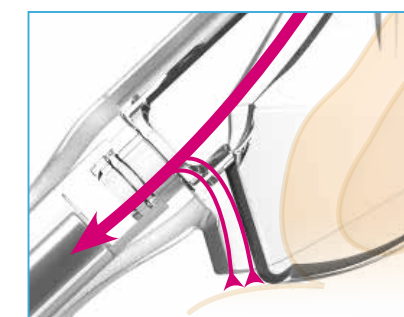
Inhalation Phase

Delivery of the oxygen-nitrous-mixture.



Exhalation Phase

The exhaled gas flows via the oval membrane and the aerodynamic located channels optimal to the vacuum channel.



Exhalation Phase

Minimized loss of N₂O molecules because of the accurate fitting. The few molecules that leave the sealed Baldus® inner mask are sucked off from the unique deep-fitted Baldus® outer mask via the vacuum.



Baldus® Scavengersystem

Details:

- Baldus® scavenger system consisting of a complete tubing set and Baldus vacuum control block with inline flow measurement and regulation valve, including autoclavable vacuum tubing and adapter as well as

3 x Disposable double nasal masks Adult Blueberry Dance
3 x Disposable double nasal masks Pedo Strawberry Delight

Art.-No.	Article
16056	Double Mask Scavenger System with Vacuum Control Block incl. Double Nasal Masks Single Use (3 x Adult aroma Blueberry Dance and 3 x Pedo aroma Strawberry Delight)

Art.-No.	Article
16055	Double Mask Scavenger System incl. Double Nasal Masks Single Use (3 x Adult aroma Blueberry Dance and 3 x Pedo aroma Strawberry Delight) (without Vacuum Control Block)

NEW
fits for all nitrous oxide systems

Material: Nasal Masks, Hose Systems: 100% medical silicone (latex-free); **Vacuum control block, Connectors:** 100% synthetic material (latex-free)
Compatible for devices of Baldus®, Matrx, Porter, Accutron, Tecno Gaz

Autoclavable Baldus® Double Nasal Masks

Re-usable!

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Baldus® Double Mask

Details:

- Autoclavable outer and inner mask

Art.-No.	Article
16025	Baldus® Double Mask Adult
16031	Baldus® Double Mask Pedo

*Does not include connectors



Baldus® Outer Mask

Details:

- Autoclavable outer mask for Baldus® Double Mask Scavenger System

Art.-No.	Article
16026	Baldus® Outer Mask Adult
16032	Baldus® Outer Mask Pedo

*Does not include connectors



Baldus® Inner Mask

Details:

- Autoclavable inner mask for Baldus® Double Mask Scavenger System with membrane

Art.-No.	Article
16027Y	Baldus® Inner Mask Adult
16033Y	Baldus® Inner Mask Pedo

Material: Nasal Masks: 100 % medical silicone (latex-free)
Compatible for: Double mask scavenger systems of Baldus®, Porter and Accutron; further systems on request.

DOUBLE NASAL MASKS SINGLE USE



INNOVATIONS AT A GLANCE



DESIGN

- Double hood design minimizes ambient nitrous oxide in operator
- Baldus Nasal Hoods utilize an oval exhalation valve that directs exhaled gases to the inner hood's built-in scavenger "flow channels" maximizing efficiency

MATERIAL



- 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

COMPATIBLE

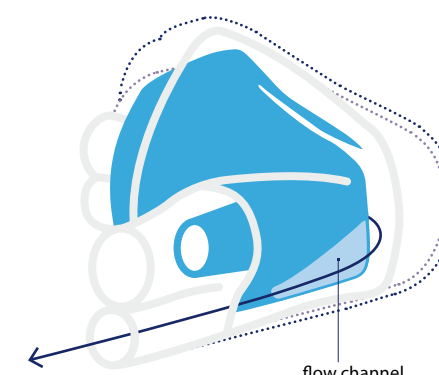
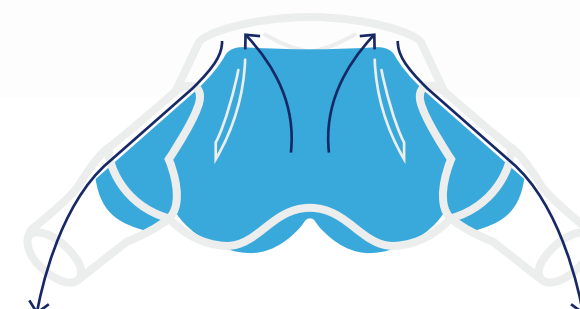
Universal fit with other double scavenging circuits allows for use of your existing systems with the new Baldus Double Nasal Hoods



PROFILE

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

Baldus Sedation Double Hood compared to other available double twice nasal hoods



..... Peer 1
..... Peer 2

flow channel

BALDUS® DOUBLE NASAL MASKS SINGE USE



Baldus® Double Nasal Hood

Scent: Happy Apple
Content: 12 pieces/box,
individually packed
Application: SINGLE USE

Remaining stock - while stocks last!

Happy Apple

Art.-No.	Article
16030-AA	Baldus® Double Nasal Masks Single Use Adult



Baldus® Double Nasal Hood

Scent: Blueberry Dance
Content: 12 pieces/box,
individually packed
Application: SINGLE USE

Blueberry Dance

Art.-No.	Article
16030-ABlue	Baldus® Double Nasal Masks Single Use Adult
16030-PBlue	Baldus® Double Nasal Masks Single Use Pedo



Baldus® Double Nasal Hood

Scent: Bouncy Bubble
Content: 12 pieces/box,
individually packed
Application: SINGLE USE

BOUNCY BUBBLE

Art.-No.	Article
16030-ABub	Baldus® Double Nasal Masks Single Use Adult
16030-PBub	Baldus® Double Nasal Masks Single Use Pedo



Baldus® Double Nasal Hood

Scent: Strawberry Delight
Content: 12 pieces/box,
individually packed
Application: SINGLE USE

Strawberry Delight

Art.-No.	Article
16030-AE	Baldus® Double Nasal Masks Single Use Adult
16030-PE	Baldus® Double Nasal Masks Single Use Pedo



Baldus® Double Nasal Hood

Scent: Chilla Vanilla
Content: 12 pieces/box,
individually packed
Application: SINGLE USE

Chilla Vanilla

Art.-No.	Article
16030-AV	Baldus® Double Nasal Masks Single Use Adult
16030-PV	Baldus® Double Nasal Masks Single Use Pedo



Baldus® Double Nasal Hood

Scent: Pure Ghost (unscented)
Content: 12 pieces/box,
individually packed
Application: SINGLE USE

PURE GHOST

Art.-No.	Article
16030-AG	Baldus® Double Nasal Masks Single Use Adult
16030-PG	Baldus® Double Nasal Masks Single Use Pedo

UPGRADES FOR YOUR
DOUBLE NASAL MASKS SINGLE USE
3'S BALDUS LED-BOARD FOR ACRYLIC GLASSES

Baldus® Double Nasal Masks
Single Use

» Acrylic glasses for decorative
presentation of your scented masks
create attention

Details:

- Acrylic glass with lid
- 12 mixed Buttons
- Dimensions acrylic glass: 300 x 120mm

Art.-No.	Scent		Article
16032-A	Apple	Happy Apple	Acrylic glass for Double Nasal Masks Single Use with buttons & comic labels Remaining stock - while stocks last!
16032-Blue	Blueberry	Blueberry Dance	Acrylic glass for Double Nasal Masks Single Use with buttons & comic labels
16032-Bub	Bubble-gum	BOUNCY BUBBLE	Acrylic glass for Double Nasal Masks Single Use with buttons & comic labels
16032-E	Strawberry	Strawberry Delight	Acrylic glass for Double Nasal Masks Single Use with buttons & comic labels
16032-V	Vanilla	Chilla Vanilla	Acrylic glass for Double Nasal Masks Single Use with buttons & comic labels
16032-G	unscented	PURE GHOST	Acrylic glass for Double Nasal Masks Single Use with buttons & comic labels

Baldus® LED-Board

Details:

- LED Board with device for 3 acrylic glasses
- Colour Board: Standard-delivery in matt white RAL 9010, further colours available upon request
- Dimensions: 52,5 x 21,5 x 4 cm
- LED light RGB with remote control
- Power supply 230V ~ 12V

Art.-Nr.	Artikel
16045	3's Baldus LED-Board for acrylic glasses



BALDUS® MOUNTING SYSTEMS

For mounting the Mixer Units we offer several options. If a cabinet installation or wall mount are not desired, we have the ideal mobile system for the oxygen-nitrous oxide mixer. The Baldus® **All-in-One-Cart** is perfect for every practice situation.

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All-in-One-Cart Ultra Slim

» Encased All-in-One-Cart for Mixer Baldus® Analog

Details:

- Encased portable Cart with double solid rubber tires for a smooth driving comfort
- Mounting of the gas cylinders in the cart (gas cylinders are completely enclosed)
- Fulfilment of the safety requirements according to council directive 93/42/EEC
- Mounting of the Mixing Unit at the front of the cart
- Colour: matt white RAL 9010, further colours available upon request
- Height x Width x Depth: 108 x 38,5 x 29 cm
- Wight: 25 kg (without sedation system)
- Made in Germany

Art.-No.	Article
15004AS	All-in-One-Cart Baldus® Analog



All-in-One-Cart Ultra Slim

» Encased All-in-One-Cart for Mixer Baldus® Touch

Details:

- Encased portable Cart with double solid rubber tires for a smooth driving comfort
- Mounting of the gas cylinders in the cart (gas cylinders are completely enclosed)
- Fulfilment of the safety requirements according to council directive 93/42/EEC
- The Mixing Unit is integrated into the cart
- Colour: matt white RAL 9010, further colours available upon request
- Height x Width x Depth: 108 x 38,5 x 29 cm
- Wight: 25 kg (without sedation system)
- Made in Germany

Art.-No.	Article
15004TS	All-in-One-Cart Baldus® Touch

Notice: Further mounting options and mobile stands you can request at our sales department



All-in-One-Cart PIN INDEX – Analog

» Encased All-in-One-Cart for Mixer Baldus® Analog

Details:

- Space for **4 gas cylinders** (2 Oxygen & 2 Nitrous Oxide) **E-Size**
- Simultaneous connection of two pin index E-size gas cylinders of the same gas type to the manifold block
- Incl. 2 X O₂ pressure reducer, 2X N₂O pressure reducer and 4X pressure hoses
- Encased portable Cart with double solid rubber tires for a smooth driving comfort
- Mounting of the gas cylinders in the cart (gas cylinders are completely enclosed)
- Check valves that prevent uncontrolled escape of gas
- Mounting of the Mixing Unit at the front of the cart
- Standart Colour: matt white RAL 9010, further colours available upon request
- Made in Germany

Art.-No.	Article
15004A4	All-In-One-Cart for Mixer Baldus® Analog



All-in-One-Cart PIN INDEX – Touch

» Encased All-in-One-Cart for Mixer Baldus® Touch

Details:

- Space for **4 gas cylinders** (2 Oxygen & 2 Nitrous Oxide) **E-Size**
- Simultaneous connection of two pin index E-size gas cylinders of the same gas type to the manifold block
- Incl. 2 X O₂ pressure reducer, 2X N₂O pressure reducer and 4X pressure hoses
- Encased portable Cart with double solid rubber tires for a smooth driving comfort
- Mounting of the gas cylinders in the cart (gas cylinders are completely enclosed) CE-certified
- Fulfilment of the safety requirements according to council directive 93/42/EEC
- The Mixing Unit is integrated into the cart
- Standard Colour: matt white RAL 9010, further colours available upon request
- Made in Germany

Art.-No.	Article
15004T4	All-In-One-Cart for Mixer Baldus® Touch



Mobile E-Stand 4-in-1

Details:

- Space for **4 gas cylinders** (2 Oxygen & 2 Nitrous Oxide) **E-Size**
- Simultaneous connection of two pin index E-Size gas cylinders of the same gas type to the yoke block
- Portable Cart with double solid rubber tires for a smooth driving comfort
- Robust and high quality processing, use of high quality materials
- High mobility
- Mounting option for the Baldus® Analog
- Safety valves to protect connected mixers from overpressure
- Check valves, which prevent uncontrolled escape of gas.
- CE-approval is still pending

Art.-No.	Article
16051	Mobile E-stand 4-in-1



Mobile stand compact 2-in-1

Details:

- Mobile stand is well suitable for the comfortable transportation of the analog mixer unit as well as the oxygen and nitrous oxide gas cylinders
- Free mobility of the mobile stand
- Fixable with a break
- Dimensions (H x W): 1,400 x 630 cm
- Load: 60 kg

Art.-No.	Article
16041	Mobile stand compact 2-in-1



Baldus® Mobile Cart

Details:

- Mobile mount
- Adjusts 360 mm – 560 mm
- 5-leg base
- CE-certified
- Compatible for Baldus® Analog, Matrx Quantiflex and Porter Flowmeter

Art.-No.	Article
16021	Baldus® Mobile Cart



Baldus® Telescoping Swing Arm Bracket

Details:

- Telescoping swing wall arm (180°)
- Plate measures: 200 x 75 mm
- Telescoping arm: adjusts 280 mm – 445 mm
- Including mounting peg
- Compatible for Baldus® Analog, Matrx Quantiflex and Porter Flowmeter

Art.-No.	Article
16020	Baldus® Telescoping Swing Arm Bracket



Non-Telescoping Wall Bracket or Cart Mount

Details:

- Mounting system for Mixer Baldus® Analog – wall or All-in-One-Cart
- Including fixing screws

Art.-No.	Article
16037	Wall Bracket or Cart Mount



Bottle-Trolley

Details:

- Bottle-Trolley for a comfortable transport of nitrous oxide and oxygen gas bottles
- Free movement of the Bottle-Trolley
- Height x Width x Depth: 97 x 60 x 50 cm
- Loading capacity up to 60 kg

Art.-No.	Article
15016	Bottle-Trolley



Cylinder Wall Bracket

Details:

- Wall Bracket with bottle clamp
- Holds for one or two gas bottles

Art.-No.	Article
H547-1000	Wall Bracket for 1-Gas cylinder
H547-1100	Wall Bracket for 2-Gas cylinder



SEDATION EQUIPMENT

Our wish is that your patients feel safe in your good hands, which will always bring the patients back for further treatments. We offer you selective, high quality and certified equipment to complete your Nitrous Oxide Sedation System.



Baldus® Vacuum Control Block

Details:

- CE-marked
- Vacuum control block with regulator valve for controlling and adjusting the suction of the Nitrous Oxide Sedation System (white/transparent)
- Installation between vacuum hoses

Art.-No.	Article
16002Y	Baldus® Vacuum Control Block



Reservoir Bag

Details:

- CE-marked
- Autoclavable and latex free
- Steam sterilization: 134°C, 5 min.

Art.-No.	Article
15015-3L	3-Liter Reservoir Bag (Adult)
15015-2,3L	2,3-Liter Reservoir Bag (Pedo)
15015-1L	1-Liter Reservoir Bag



Nitrous Evacuator

Details:

- Active vacuum pump
- Nitrous oxide discharged directly into the open air
- Suitable for all scavenger systems
- Alternative of suction device on dental chair
- Height x Width x Depth: 227 x 302 x 154 mm

- Weight: 5,5 kg
- Voltage: 220-240V
- Frequency: 50/60Hz

Art.-No.	Article
15030	Nitrous Evacuator



Ultraslim Pressure Reducer O₂

» [Hand connection for O₂ pressure cylinders of Nitrous Oxide Sedation System](#)

Details:

- Adjusted to 4,5 bar
- Including medical fabric hose
- DIN Cylinder Germany (NIST and DISS connection)
- Including adapter for local gas cylinder connection

Art.-No.	Article
15020	Ultraslim Pressure Reducer O ₂



Ultraslim Pressure Reducer N₂O

» [Hand connection for N₂O pressure cylinders of Nitrous Oxide Sedation System](#)

Details:

- Adjusted to 4,5 bar
- Including medical fabric hose
- DIN Cylinder Germany (NIST and DISS connection)
- Including adapter for local gas cylinder connection

Art.-No.	Article
15021	Ultraslim Pressure Reducer N ₂ O



Regulators with Connection for O₂ and N₂O

» [Regulators International Fittings: PIN INDEX, BULLNOSE, BENELUX BULLNOSE, AFNOR, UNI 4406](#)

Details Oxygen PIN-INDEX Pressure Reducer:

- Inlet, 1 x DISS Outlet
- Non Therapy

Art.-No.	Article
Divers	Regulators with Connection

Details Nitrous Oxide PIN-INDEX Pressure Reducer:

- Inlet, 1 x DISS Outlet
- Non Therapy



Medical Flow Meter

» [Oxygen Medical Pressure Regulator](#)

Details:

- Content pressure gauge
- Flow rates: 0 – 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 12 – 15 L/min.
- 9/16" outlet
- Connection possibility for Bag-Valve-Mask Resuscitator, nasal cannula, etc.

- Including adapter for local gas cylinder connection

Art.-No.	Article
HDM01-15-KRPS	Medical Flow Meter

Alternative for Ultraslim Pressure Reducer O₂



Medical Flow Meter with DIN coupler

» [Oxygen Medical Pressure Regulator](#)

Details:

- Content pressure gauge with separate outlet – DIN coupling 13260 (5,0 bar to 160 L/min.)
- 9/16" outlet
- Flow rates: 0 – 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 12 – 15 L/min.
- Connection possibility for Bag-Valve-Mask Resuscitator, nasal cannula, etc.

- Including adapter for local gas cylinder connection

Art.-No.	Article
AERO-way-Fast-15PS	Medical Flow Meter with DIN coupler



O₂ Pressure Hose

» Medical hose for the connection of O₂ pressure reducer or gas outlets to the mixer

- Details:
- Colour: ISO
 - Length: max. 2,50 meters, other lengths available upon request
 - Different connectors (see Article-Table)

Art.-No.	Article
15006	Medical hose – NIST and DISS connection (male)
16038-1	Medical hose – DIN gas probe and DISS connection
H6600107	Medical hose – DIN gas probe and NIST connection



N₂O Pressure Hose

» Medical hose for the connection of N₂O pressure reducer or gas outlets to the mixer

- Details:
- Colour: ISO
 - Length: max. 2,50 meters, other lengths available upon request
 - Different connectors (see Article-Table)

Art.-No.	Article
15007	Medical hose – NIST and DISS connection (male)
16038-2	Medical hose – DIN gas probe and DISS connection
H6600137	Medical hose – DIN gas probe and NIST connection



O-Ring for pressure reducer

- Details:
- O-Ring for oxygen O₂ or nitrous oxide N₂O standard pressure reducer
 - Set of 10 O-Rings

Art.-No.	Article
1125714	O-Ring for oxygen O ₂ standard pressure reducer
104746-4	O-Ring for nitrous oxide N ₂ O standard pressure reducer



Nasal cannula flow set

- Details:
- Adapting connector and locking adapter for the Bag-T of the mixer unit
 - 10 nasal cannulas

Art.-No.	Article
16040	Nasal cannula flow set



Multiparameter Patient Monitoring Deluxe70

- Details:
- Oxygen saturation display, pulse rate, blood pressure, ECG, respiration and temperature
 - TFT-Display in colour, 17,7 cm
 - Suitable for hospitals, practices and private home
 - For adults and children
 - Free memory for 800 blood pressure readings and 24h ECG-curves
 - Rechargeable battery
 - Power connection possible
 - 100-240VAC, 50/60Hz
 - Visual and acoustic alarm
 - Safety standard: IEC 60601-1
 - Made in China

Art.-No.	Article
Deluxe70	Multiparameter Patient Monitoring Deluxe70



Prince 100C1 Finger Clip Pulse Oximeter

- Details:
- CE-certified: 0123
 - Automatic ON/ OFF (finger sensor)
 - Pulse rate and oxygen saturation display
 - Plethysmogram display in real time
 - Acoustical observable pulse
 - Full-colour LED display
 - Automatic screen rotation in 4 directions, easy to read
 - Changeable to perfusion index display: display of finger circulation (low perfusion can lead to incorrect SPO2 signal)
 - Visual and acoustic alarm
 - Alarm limit individually adjusted
 - Anti-motion technology
 - Small and lightweight
 - Low battery consumption (lasts up to 30 hours)
 - Including 2 AAA batteries and device case
 - Made in China

Art.-No.	Article
OXY-11	Fingerclip Adult



Image similar



SpO₂ Monitor (Pulsoximeter) with Finger Sensor OxyTrue A

- Details:
- Oxygen saturation display (SpO₂), pulse rate, plethysmogram, bar graph, short-term and long-term trend
 - Alarm limit individually adjusted
 - Intelligent linking of visual and acoustical information and signals
 - Automatic suppression of surrounding light
 - Signal quality display
 - Fuzzy logic for extreme fast measurement display
 - Intuitive operation with explicit error messages
 - Data memory with integrated data management
 - SpO₂ Monitor ideal for rescue service, device and sensor are extremely robust
 - High speed data transmission via standard USB port
 - Selection of 18 languages
 - Use of device: continuous operation for more than 2 days/power saving mode up to 4 days
 - Weight: approx. 160g (without batteries and sensor)
 - Including SC 6500 Soft-Cap Sensor, PC software, USB data cable, silicone protector, batteries
 - Made in Germany

Art.-No.	Article
15018	SpO ₂ Monitor

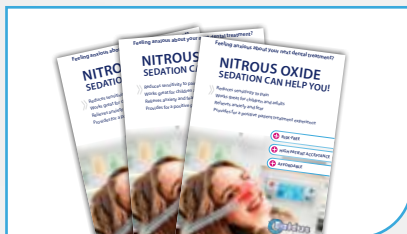
» UPGRADE FOR THIS ARTICLE

Art.-No.	Article
5825506	SoftCap Sensor, Pedo (10 to 20 kg)

ADVERTISING PACKAGES

The perfect basis for your own practice advertising!

» BALDUS S



Patient Fearless Flyer

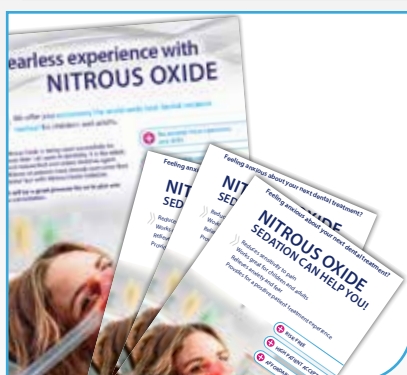
» Benefits of nitrous oxide sedation at a glance.

Details:

- Format: DIN A5
- Package: 100 flyer
- Individual adaptation of your practice CI upon request

Art.-No.	Article
16008	Baldus S Fearless Flyer

» BALDUS M



3 Advertising Posters + 100 Patient Fearless Flyer

» Effective advertising for your waiting room.

Details:

Advertising Posters

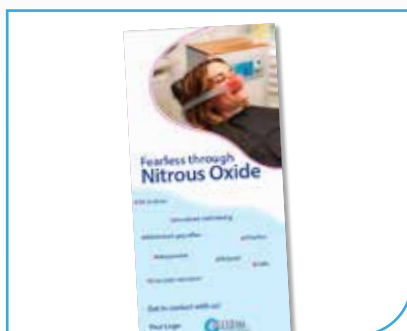
- Format: DIN A2
- Package: 3 poster

Patient Fearless Flyer

- Format: DIN A5
- Package: 100 flyer
- Individual adaptation of your practice CI upon request

Art.-No.	Article
16007	Baldus M Advertising Package

» BALDUS ROLL-UP



Roll-Up

» advertise your nitrous oxide sedation on a large area Roll-Up customized on your CI on request

Details:

- Format: 100 x 200 cm, coloured
- 1 piece
- Polyester fabric

Art.-No.	Article
16008RollUp	Baldus Roll-Up

» BALDUS KIDS PREMIUM



25 Colouring Books + 25 „Medals of Honor“

+ 5 soft toy „Strawberry Delight„

» Create enthusiasm to every kid in 3 steps!

Details:

Before treatment:

- 25 Baldus® Colouring Books with coloured pencils (set 4 pcs). In the waiting room the children get to know their nitrous-oxide heroes.

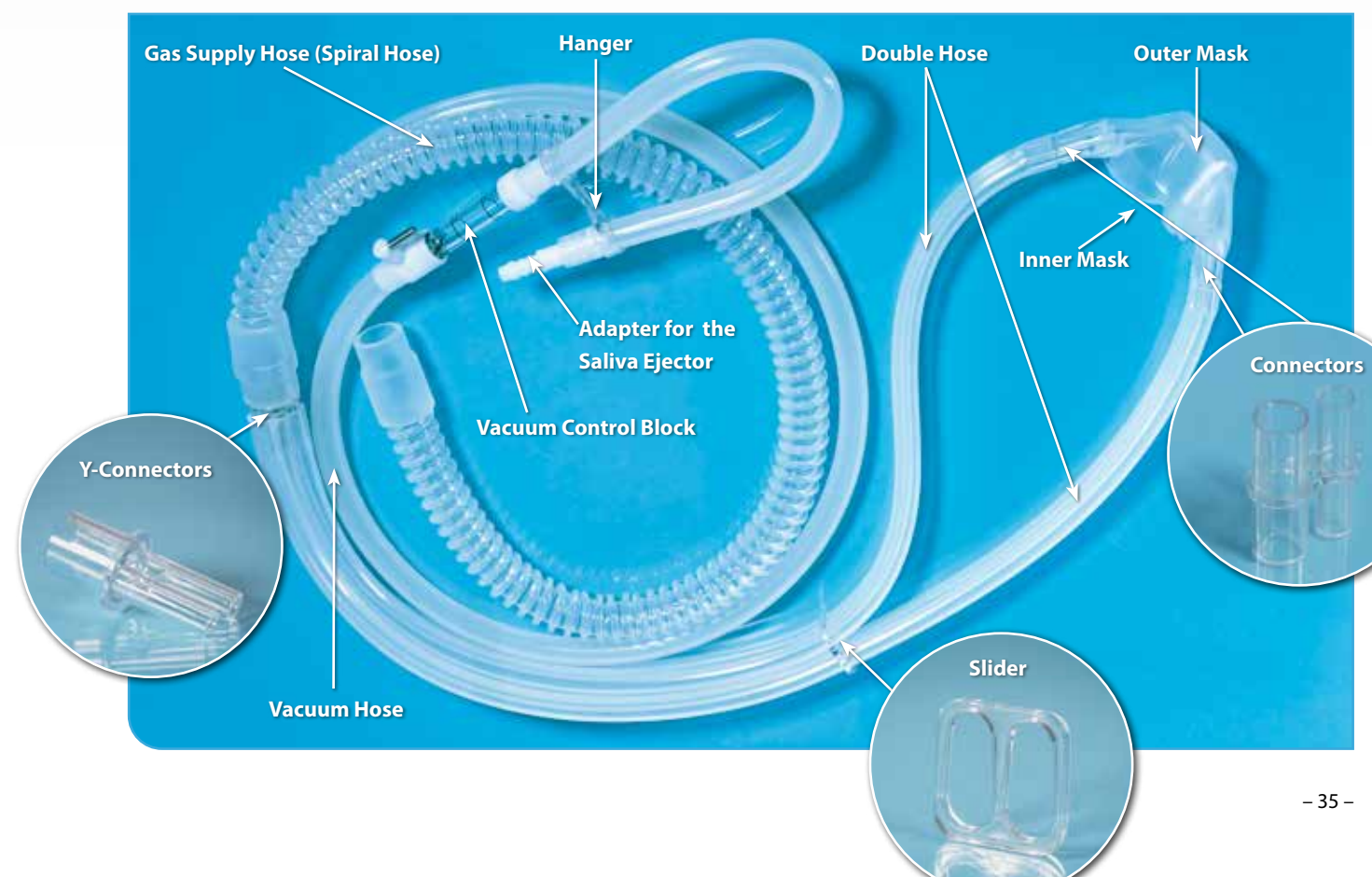
After treatment:

- 25 Buttons. As a reward the children receive a button with their own nitrous-oxide hero.
- 5 soft toys „Strawberry Delight“ for very brave kids.

Art.-No.	Article
16039	Baldus Kids Premium

When placing an order, please specify the nitrous-oxide hero for the buttons.

SCAVENGING CIRCUIT COMPONENTS





Oval Membrane for Baldus® Masks

- Details:**
- Content: 5 pieces
 - Material: medical silicone, autoclavable
 - Adapted for autoclavable and disposable inner masks

Art.-No.	Article
16036Y	5 oval Membrane for Baldus® Nasal Masks



Baldus® Adapter for Saliva Ejector

- Details:**
- White adapter for the saliva ejector of the small suction cup to the vacuum hose

Art.-No.	Article
16014	Baldus® Adapter for small Saliva Ejector



Baldus® Y-Connector „big“

- Details:**
- Adapter for gas supply hose 22 mm to double hose
 - Autoclavable

Art.-No.	Article
16016	Baldus® Y-Connector „big“



Baldus® Y-Connector „small“

- Details:**
- Adapter for vacuum hose 13,3 mm to double hose
 - Autoclavable

Art.-No.	Article
16017	Baldus® Y-Connector „small“



Baldus® Mask-Connectors

- Details:**
- Connectors for double nasal mask to double hose
 - Autoclavable
 - Content: 4 pieces

Art.-No.	Article
16018	4 Baldus® Mask-Connectors



Baldus® Vacuum Hose Hanger

- Details:**
- Hanger for vacuum hose to read the vacuum control block vertically
 - Autoclavable

Art.-No.	Article
16015	Baldus® Vacuum Hose Hanger



Silicone-Vacuum Hose

- Details:**
- Autoclavable
 - Length: 2.5 Meters
 - Compatible for Baldus® Scavenger Breathing System and Baldus® Vacuum Control Block

Art.-No.	Article
16003	Silicone-Vacuum Hose



Baldus® Slider

- Details:**
- Function: for fixing the Baldus® Scavenger Breathing System to the patient's head
 - Autoclavable

Art.-No.	Article
16019	Baldus® Slider



Silicone-Double Hose

- Details:**
- Autoclavable
 - Content: 2 Double Hoses
 - Compatible for Baldus®, Porter and Accutron scavenger systems
 - Length: 70 cm

Art.-No.	Article
16004Y	Silicone-Double Hose



22 mm Gas Supply Hose (Spiral Hose)

- Details:**
- Autoclavable
 - Length: 90 cm, 180 cm
 - Compatible for Baldus® Scavenger Breathing System

Art.-No.	Article
16013-90	90 cm Gas Supply Hose
16013-180	180 cm Gas Supply Hose



Emergency Equipment

FIRST AID

Saving Lives!

An emergency could occur unexpectedly – at any time and in any place. Everybody of all age groups can be affected; it does not matter if they are athletes, managers or students.

We offer high quality equipment for an optimal and saving emergency action.



Fully-
automatic
+ 8 Years
garanty

LIFEPAK CR® Plus AED fully-automatic

Details:

- Compact and very easy to use
- Automatic external defibrillator, English
- Simply open the cover, follow the verbal instructions and push the button to deliver a shock if necessary
- Loud voice prompts provide guidance on applying electrodes and initiating a shock
- Includes: one battery, 2 pairs electrodes, AMBU® First Responder Kit, carry case
- Weekly self-tests
- AED assembled and ready to use

Art.-No.	Article
PHY-S1025	LIFEPAK CR® Plus AED





Central Gas Supply

Our quality management and our ISO 13485 certification make it possible to carry out the planning, montage and service of medical gas supply systems.

A central gas supply system offers several major advantages:

- Cost saving – gas cylinders at a central location result in less handling
- Higher safety level because of high pressure gas storage and installation located in specified and safe place
- Uninterrupted gas supply with automatic changeover
- Warning signal at low gas pressure
- Visual integration in the modern design of your practice

Please contact us at any time. We will be pleased to support you with our expert's advice about the central gas supply and the possibilities to install the system in your practice.

**MADE
IN
GERMANY**





Gas Manifold – Changeover System

» Fully automatic changeover manifold oxygen or nitrous oxide, AGS 35

Details

- Changeover unit for regulation, supervision and control of medical and technical gas supply units
- 2 x 1 cylinder with pneumatically-controlled change-over
- 2 high capacity gas pressure regulators
- Outlet nominal pressure 3-10 bar
- 2 connection bends made of copper (copper pipe 8 x 1,5 mm)
- Procedural message
- Bottle bracket for 2 gas cylinders of 50 l volume
- Signs-Set

Further information available upon request.



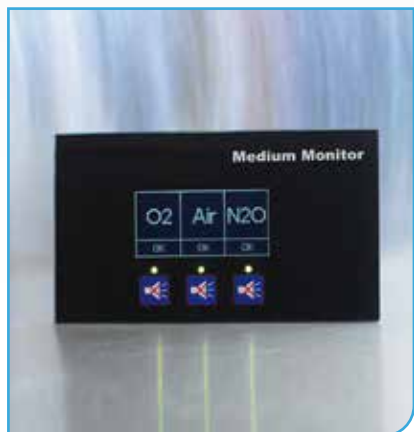
Gas Manifold – Single Cylinder System

» Pressure reducer for one cylinder oxygen or nitrous oxide

Details

- Outlet nominal pressure 3-10 bar
- 1 connection bend made of copper (copper pipe 8 x 1,5 mm)
- Procedural message
- Bottle bracket for 1 gas cylinder of 50 l volume
- Signs-Set

Further information available upon request.



Controllpanel for Manifold

» Medium Monitor equipped with an innovative glass display

Details

- Indication via illuminated LCD display
- Information on current status (OK and warning of high and low pressure)
- Operation by means of touch keys
- Visual and acoustic signals
- Communication of several emergency signals via bus system
- 3 potential-free contacts

Further information available upon request.



Medical Gas Outlet O₂ / N₂O

Details

- Simple installation – for concealed installation, for surface (on plaster) installation
- Fast connection and disconnection
- Designed for medical environment, small size and easy to clean

- Complies with colour coding and description by standard
- DIN-Standard

Further information available upon request.



Flowmeter DIN Direct

Details

- Flow rates adjustable in 9 levels from 0 to 15 L/min.
- Supply pressure max. 5 bar
- Body made of anodized aluminium
- DIN Connector
- DISS O₂-Outlet

- For direct connection to medical gas outlet
- Exit for nasal cannula or resuscitation bag

Art.-No.	Article
H6600400	Pressure Reducer Direct



Maintenance

» Baldus Sedation GmbH & Co. KG offers a maintenance and inspection service.

In order to protect both patients and staff, you have maintenance and safety checks carried out by Baldus Medizintechnik GmbH or an authorised service partner once a year.

The technical personnel of Baldus Medizintechnik travels throughout Europe for the highest priority in your practice is the medical care of the patients.

Maintenance and safety inspections of oxygen-nitrous oxide mixer

In the need of maintenance or repair, send in your oxygen-nitrous oxide mixer for inspection to Baldus Sedation GmbH & Co. KG. This service is valid worldwide. For Europe our qualified personnel is also available for a visit in your practise.

Maintenance interval and safety inspection of oxygen-nitrous oxide mixer: annual service

Maintenance of central gas supply

We offer maintenances for the following central systems:

- Oxygen
- Nitrous Oxide
- Compressors, compressed air

A regular maintenance of the central gas supply is indispensable.

A continuous supply of medical gases is necessary for all patients. In case of a gas system breakdown it can have life-threatening consequences for patients and also be very costly.

Additional maintenances

The technical team of Baldus Medizintechnik carries out maintenance also for the following sectors:

- + Quality control of compressed air required by European Pharmacopoeia
- + Terminal Units (gas outlets) Air, N₂O, O₂
- + Anaesthetic scavenging systems
- + Ceiling-mounted supply units
- + Compressed air preparation for breathing air

We control and maintain devices of the following manufacturers:

- Baldus®
- Porter
- Matrx
- Further producers on request

Further information on request.





n₂O-Academy Workshops

TRAINING FOR NITROUS OXIDE SEDATION

» The professional use of nitrous oxide sedation. We will make you fit in the shortest time!

Certification according to the Council of European Dentists resolution 2012.

The n₂O-Academy workshops include the presentation and explanation of all important aspects of nitrous oxide sedation. To be allowed to sedate with nitrous oxide, a dentist has to attend 10-12 hours workshop (CED resolution 2012).

Workshop Content:

- + Pain and anxiety in dental medicine
- + History of nitrous oxide
- + Characteristics and effects of nitrous oxide
- + Range of applications
- + Medical indications and contraindications
- + Legal aspects
- + Ambient air contamination and compliance
- + Equipment technology
- + Dental office marketing
- + Economic efficiency calculation; Billing
- + Role play & practical application
- + Emergency- and quality- management
- + Examination and Certificate handover

Our seminar instructors and lecturers are highly qualified experts with years of experiences with nitrous oxide sedation.

Workshop information:

For our workshops, we see a big importance in extensive theoretical information, but also the practical part!

Each member of your team has the opportunity to attend our workshop. Your assistant will be trained and qualified to apply the sedation method professionally and with high standards.

Private training worldwide:

Would you like to certify more employees and colleagues in the nitrous oxide sedation at your practice? No problem. We can offer our workshop as well as Inhouse workshop for up to 20 participants.

Further information available on request!

» INFORMATION

According to the Council of European Dentists every dentist has to visit a 2-day workshop (at least 10 hours) before using nitrous oxide for sedation.

Trust the specialists in MEDICAL GASES AND INHALATION SEDATION

» Our service has been evaluated by doctors who use nitrous oxide as being a grade 1 (1.4), the highest possible grade

» INFORMATION

All prices are net price, excluding shipment and TAX. Please pay attention to our regular sales conditions.

Baldus Medizintechnik GmbH will not be liable for patient treatment and improper handling. The treating physician is responsible for patient monitoring and needs to provide a certificate of competence. Please read the instructions for use carefully and in full before first operating the device in order to protect you and your patients from any incorrect operation.

Please note, that the images may deviate slightly from the products supplied.
All information without engagement.

Rev.-No.: 2023/01

