Dental Nitrous Oxide Sedation
WELCOME

to Baldus Medizintechnik GmbH

Your certified Specialist for Nitrous Oxide Sedation and Medical Gases

Baldus Medizintechnik GmbH
Auf dem Schafstall 5 · 56182 Urbar – Germany
☎ +49 (0) 261 / 96 38 926 - 0
☏ +49 (0) 261 / 96 38 926 - 21
✉ info@lachgassedierung.de

www.baldus-medical.com
CONTENTS

Dental Nitrous Oxide Sedation  4
  Oxygen-Nitrous Oxide Mixer  6
  Starter Set for Nitrous Oxide Sedation  10
  Baldus® Scavenger Breathing System  12
  Baldus® Single Use Inner Masks  16
  Baldus® Mounting Systems  19
  Sedation Equipment  22
  Scavenging Circuit Components  28

Emergency Equipment  31

Central Gas Supply  33

Maintenance  36

n₂O-Academy Workshops  38
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.*

We have the solution for you and for your patients:

Inhalation sedation with nitrous oxide and oxygen – is suitable for all ages. Your patient’s fear is remarkably reduced and they relax during treatment. Through the quiet treatment atmosphere, your workflow will improve, your work will be faster and more efficient and therefore your income will increase.

Nitrous oxide, or N₂O, is being used successfully for more than 160 years in dentistry. The mix of N₂O and O₂ is the safest, most researched and oldest sedative method. It’s safe, non-toxic and leaves your body system after treatment. Compared to general anesthesia, the patient is fully conscious, able to communicate and cooperative.

How does nitrous oxide work? During session oxygen and nitrous oxide are mixed in percentage and individually adjusted to the patient’s needs. It starts with 100% oxygen then N₂O 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 usual treatment. Finally, the patient inhales 100% oxygen again, and within 15 minutes after session the patient is N₂O free.

The advantages of Nitrous Oxide Sedation

**REDUCTION OF PAIN SENSITIVITY**
20% nitrous oxide has the same analgesic potency as 15mg morphine sc.

**EFFICIENT & GENTLE SEDATION**
No anesthesia – patient is conscious and cooperative.

**REDUCED GAG REFLEX**
Decreased gag reflex and retching makes treatment faster and more comfortable.

**EFFICIENCY & TIME SAVING**
A fearless and cooperative patient can be treated much more efficiently.

**TITRATION**
Optimal sedation by individually adjusted nitrous oxide mixture!

**ALMOST NO RISKS**
N₂O is the 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 anxiety from dental treatment. Almost everyone would choose nitrous oxide again.

**MARKETING & SERVICE**
Nitrous Oxide Sedation can be a unique selling point for your practice (positive marketing effect).

* Reference: Müller, Ingrid: Angst essen Zähne auf.
In: Focus-Gesundheit September/October 2015
Baldus presents two types of mixer units from its own production. The **Baldus® Analog** convinces 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.

What differs the Baldus mixer units from other Oxygen - nitrous oxide mixer units?
- Created in Germany
- Designed in Germany
- Made in Germany

**Baldus® Analog**

**HIGH-QUALITY MATERIAL**
- Rugged design due to first-class material
- Over 92% of the mixer is composed of aluminium and stainless steel
- The use of ram. Other manufacturers use rubber membrane, which leads to increased wear and tear

**HYGIENE**
- More hygienic and easy to clean because of the flat surfaces, less prominent edges and the removal of needless buttons
- More intelligent installation of the fresh air valve 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 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 concentrations, 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

**Delivery contains Mixer Unit and Bag-T, without mounting and scavenger system.**

3 years warranty when concluding a maintenance agreement.

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16009-50</td>
<td>Baldus® Analog-50% N₂O</td>
</tr>
<tr>
<td>16009-60</td>
<td>Baldus® Analog-60% N₂O</td>
</tr>
<tr>
<td>16009-70</td>
<td>Baldus® Analog-70% N₂O</td>
</tr>
</tbody>
</table>
Work smarter.
Not harder.
Baldus® Lachgassedierung.
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 the latest mixer unit on the dental nitrous-oxide market.

**HIGH-TECHNOLOGY**
- Touch-function with brilliant screen resolution.
- Simplified documentation for the dentist thanks to the saving of sedation parameters under the patient’s ID or anonymous.
- Thermic measurement works essentially independent from pressure and temperature and therefore guaranties short reaction time.
- Software & Hardware Watchdog guaranties safety.
- Magnetic control valve.

**BALDUS® TOUCH FEATURES**
- **Automatic lead out**: at the end of the sedation the button “Sedation lead out” will be pushed, the countdown begins and from now on 100% oxygen flows through, so the patient can exhale the nitrous oxide.
- **Error memory**: the last 20 errors are visible in the error memory register, due to this function there is the possibility of an error analysis with the Baldus® service team.
- **Maximum total flow of 18 l/min**: sufficient gas amount for each patient.

**HIGH SAFETY STANDARDS**
- **Self-test** at power on, also in Standby modus.
- **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**.

**HYGIENIC DESIGN**
- **Fast and easy cleaning** due to flat fronts on the surface and rounded corners.
- **Intelligent placement** of the ambient air valve under the Bag-T protects from dust and other impurities.
- **Integration of filters** in the gas entrances to keep impurities away.
- **Microbiological testing**: the high microbiological requirements regarding to the hygienic standards during the production and packing are fulfilled.
+ Touchscreen
+ Automatic documentation
+ Automatic lead out
+ 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 settable 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

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

Art.-No. Article
16010-50 Baldus® Touch-50% N₂O
16010-60 Baldus® Touch-60% N₂O
16010-70 Baldus® Touch-70% N₂O
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.

### STARTER SET NITROUS OXIDE SEDATION

#### COMPREHENSIVE SET
Baldus® Analog All-in-One „Adult“

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16009</td>
<td>Mixer Unit „Baldus® Analog O₂/N₂O“ Mixer for Analgesia® including information material for patients (waiting room) and medical devices book</td>
</tr>
<tr>
<td>16024-1</td>
<td>Baldus® Adult Double Mask Scavenger System. The package includes: autoclavable outer mask and inner mask, complete hose system and hose connectors</td>
</tr>
<tr>
<td>16002</td>
<td>Baldus® Vacuum Control Block with regulator valve including autoclavable vacuum hose and adapter</td>
</tr>
<tr>
<td>15015-3L</td>
<td>3-Liter Adult Reservoir Bag, latex free and autoclavable</td>
</tr>
<tr>
<td>15020</td>
<td>Ultraslim Cylinder Pressure Regulator O₂ including medical hose</td>
</tr>
<tr>
<td>15021</td>
<td>Ultraslim Cylinder Pressure Regulator N₂O including medical hose</td>
</tr>
<tr>
<td>15004A</td>
<td>All-in-One-Cart – encased portable Cart for Baldus® Analog O₂/N₂O Mixer Colour: matt white</td>
</tr>
</tbody>
</table>
The start into the next generation:
Timeless elegance combined with high technology – the Baldus® Touch.

**The 21th century mixer unit:**
- new dimension of technology and comfort
- brilliant screen resolution with touch-function
- wide spectrum of innovative functions
- high performance
- advanced technologies
- automatic data documentation
- safe handling and intuitive menu guidance

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16010</td>
<td>Mixer Unit „Baldus® Touch O₂/N₂O Mixer for Analgesia“ including information material for patients (waiting room) and medical devices book</td>
</tr>
<tr>
<td>16024-1</td>
<td>Baldus® Adult Double Mask Scavenger System. The package includes autoclavable outer mask and inner mask, complete hose system and hose connectors</td>
</tr>
<tr>
<td>16002</td>
<td>Baldus® Vacuum Control Block with regulator valve including autoclavable vacuum hose and adapter</td>
</tr>
<tr>
<td>15015-3L</td>
<td>3-Liter Adult Reservoir Bag, latex free and autoclavable</td>
</tr>
<tr>
<td>15020</td>
<td>Ultraslim Cylinder Pressure Regulator O₂ including medical hose</td>
</tr>
<tr>
<td>15021</td>
<td>Ultraslim Cylinder Pressure Regulator N₂O including medical hose</td>
</tr>
<tr>
<td>15004T</td>
<td>All-in-One-Cart – encased portable Cart for Baldus® Touch O₂/N₂O Mixer Colour: matt white</td>
</tr>
</tbody>
</table>
BALDUS® SCAVENGER BREATHING SYSTEM

The eco-friendly companion for the inhalation sedation with nitrous oxide.

The double nasal mask system from Baldus® is the “green” innovation on the global nitrous oxide market. Momentarily there is no comparable system worldwide. The development and production is 100% Made-in-Germany. A precise focus was set on the safety, handling, comfort, design as well as the hygiene.

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

+SUSTAINABILITY
- Eco-friendly mask system.
- All parts – starting with the tube system, further to outer and inner mask, all the way to the connectors – are autoclavable.
- Cost-saving – no consumption items.

+HANDLING
- Unrestricted space for the specialist and the practice team for the actual procedure.
- Easy handling.
- Markings and different sizes lead to simple application and correct set up of the mask system.
- The breathing of the patient can be constantly watched thanks to the translucent materials of the outer mask.
- The Baldus® mask system is compatible with any oxygen-nitrous oxide mixer unit.

+SAFETY
- There was a special focus put on the leaking gases and the ambient air contamination during the development.
- The choice of material and thereto associated face-fit of the mask, ensures minimal leakage, so the ambient air contamination with nitrous oxide molecules is kept absolutely minimized.
- For greater safety the connectors have a bridge that avoids mistakes when assembling the mask system.
Operating mode of the mask system:
How does the Baldus® Scavenger Breathing System work in details? Because of the exhalation in the inner mask, the membrane opens and the exhaled gas attains 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 uncomfortable straw effect of other mask systems.

The double nasal mask system protects the dental team successfully from the exhaled gas. The supple, autoclavable nasal masks are easy to change and available for adults and for children. We have developed for the colourful single-use inner masks several scents: Blueberry Dance, Bouncy Bubble, Happy Apple, Strawberry Delight and Chilla Vanilla.

MATERIAL
- Use of translucent, soft and supple silicone.
- Latex free and autoclavable.
- Thanks to the usage of bendable materials, the double nasal mask fits perfectly to any face shape.
- Biocompatibility confirmed.

PATIENT COMFORT
- The soft 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 an easier discharge of the exhaled gases.
- Thanks to the optimal streaming, the patient can unrestrictedly in- and exhale; another beneficial aspect is the big volume of the inner mask.

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® Double Mask Scavenger System** (CE-certified)

Details:
- Translucent and autoclavable outer and inner mask, vacuum hose, double hose, medical gas supply hose and hose connectors

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16024-1</td>
<td>Baldus® Double Mask Scavenger System, Adult</td>
</tr>
<tr>
<td>16030-1</td>
<td>Baldus® Double Mask Scavenger System, Pedo</td>
</tr>
</tbody>
</table>

550,00 €

**UPGRADE I**

**Baldus® Double Mask Scavenger System + Vacuum Control Block** (CE-certified)

Details:
- Translucent and autoclavable outer and inner mask, double hose, medical gas supply hose and hose connectors
- Vacuum control block for controlling and adjusting the suction, including vacuum hose and adapter for saliva ejector

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16024-2</td>
<td>Adult</td>
<td>Baldus® Double Mask Scavenger System + Vacuum Control Block, Adult</td>
</tr>
<tr>
<td>16030-2</td>
<td>Pedo</td>
<td>Baldus® Double Mask Scavenger System + Vacuum Control Block, Pedo</td>
</tr>
</tbody>
</table>

Material: Nasal Masks, Hose Systems: medical silicone; Vacuum control block, Connectors: synthetic material
Compatible for devices of Baldus®, Matrix, Porter, Accutron, Tecno Gaz
Autoclavable Baldus® Double Nasal Masks

Made in Germany

Re-usable!

Baldus® Double Mask
Details:
• Translucent and autoclavable outer and inner mask and hose connectors

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16025</td>
<td>Baldus® Double Mask Adult</td>
</tr>
<tr>
<td>16031</td>
<td>Baldus® Double Mask Pedo</td>
</tr>
</tbody>
</table>

Baldus® Outer Mask
Details:
• Translucent and autoclavable outer mask with hose connectors for Baldus® Double Mask Scavenger System, without inner mask

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16026</td>
<td>Baldus® Outer Mask Adult</td>
</tr>
<tr>
<td>16032</td>
<td>Baldus® Outer Mask Pedo</td>
</tr>
</tbody>
</table>

Baldus® Inner Mask
Details:
• Translucent and autoclavable inner mask for Baldus® Double Mask Scavenger System, with membrane

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16027</td>
<td>Baldus® Inner Mask Adult</td>
</tr>
<tr>
<td>16033</td>
<td>Baldus® Inner Mask Pedo</td>
</tr>
</tbody>
</table>

Material: Nasal Masks: medical silicone
Compatible for: Double mask scavenger systems of Baldus®, Porter and Accutron; further systems on request.

99,00 €
Scented masks excite not only the kids, but also the adults. Our inner masks are attractive especially for our sensitive noses, which can enjoy the pleasant natural fragrances during the nitrous oxide sedation - but the functionality and wearing comfort has no negative effect on the quality. Exact opposite – Baldus has managed to establish new standards: simplified handling for you and your team, better absorption of the N₂O gas molecules and better wearing comfort for the patient. Absolutely latex free.
Baldus® Inner Masks

**Baldus® Inner Masks**

**Scent:** Happy Apple  
**Content:** 25 pieces per aroma bag in decorative box  
**Application:** SINGLE USE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16028-AA</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16028-PA</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>

**Baldus® Inner Masks**

**Scent:** Blueberry Dance  
**Content:** 25 pieces per aroma bag in decorative box  
**Application:** SINGLE USE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16028-Ab</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16028-Pb</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>

**Baldus® Inner Masks**

**Scent:** Bouncy Bubble  
**Content:** 25 pieces per aroma bag in decorative box  
**Application:** SINGLE USE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16028-Al</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16028-Pl</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>

**Baldus® Inner Masks**

**Scent:** Strawberry Delight  
**Content:** 25 pieces per aroma bag in decorative box  
**Application:** SINGLE USE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16028-Ae</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16028-Pe</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>

**Baldus® Inner Masks**

**Scent:** Chilla Vanilla  
**Content:** 25 pieces per aroma bag in decorative box  
**Application:** SINGLE USE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16028-Av</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16028-Pv</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>

**Baldus® Inner Masks**

**Scent:** PURE GHOST - (unscented)  
**Content:** 25 pieces per aroma bag in decorative box  
**Application:** SINGLE USE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16028-Ag</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16028-Pg</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>
Baldus® Inner Masks

» In decorative acrylic glass

Details:
• Application SINGLE USE
• 25 pieces per acrylic glass with comic label
• 25 buttons suitable to the scent
• High x diameter: 300 x 120 mm

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Scent</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16029-AA</td>
<td>Apple</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16029-PA</td>
<td>Happy Apple</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
<tr>
<td>16029-Abue</td>
<td>Blueberry</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16029-PBlue</td>
<td>Blueberry</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
<tr>
<td>16029-Abub</td>
<td>Bubblegum</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16029-PBub</td>
<td>Bubblegum</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
<tr>
<td>16029-AE</td>
<td>Strawberry</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16029-PE</td>
<td>Strawberry</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
<tr>
<td>16029-AV</td>
<td>Vanilla</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16029-PV</td>
<td>Vanilla</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
<tr>
<td>16029-AE</td>
<td>Pure Ghost</td>
<td>Baldus® Inner Masks Adult</td>
</tr>
<tr>
<td>16029-PV</td>
<td>Pure Ghost</td>
<td>Baldus® Inner Masks Pedo</td>
</tr>
</tbody>
</table>

Baldus® LED Board

Details:
• LED Board with the equipment for 5 acrylic glasses
• Board colour: standard delivery in matt white RAL 9010
• Dimensions: 650 x 180 x 35 mm
• LED Light RGB with remote control
• Power supply 230V~ / 12V

Available on request also for 2 - 6 acrylic glasses. Delivery without the acrylic glasses.

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16034</td>
<td>Baldus® LED Board</td>
</tr>
</tbody>
</table>

Baldus® Big Package

» Masks + LED Board

Details:
• Baldus® LED Board (Art.-No. 16034)
• 5 filled acrylic glasses at the customer’s choice (Art.-No. 16029)

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16035</td>
<td>Baldus® Big Package</td>
</tr>
</tbody>
</table>
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.

**All-in-One-Cart**

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

**Details:**
- Encased portable Cart with double solid rubber tyres for top driving comfort
- Mounting of the gas cylinders in the cart (gas cylinders are completely covered)
- CE-certified
- Fulfilment of the safety requirements according to council directive 93/42/EEC
- Mounting of the Mixer Unit at the front of the cart
- Colour: matt white RAL 9010, further colours available upon request
- Height x Width x Depth: 111 x 53 x 40,5 cm

Price without sedation system.

**Art.-No.** | **Article**
---|---
15004A | All-in-One-Cart Baldus® Analog

**All-in-One-Cart**

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

**Details:**
- Encased portable Cart with double solid rubber tyres for top driving comfort
- Mounting of the gas cylinders in the cart (gas cylinders are completely covered)
- CE-certified
- Fulfilment of the safety requirements according to council directive 93/42/EEC
- The Mixer Unit is integrated in the cart
- Colour: matt white RAL 9010, further colours available upon request
- Height x Width x Depth: 111 x 53 x 40,5 cm

Price without sedation system.

**Art.-No.** | **Article**
---|---
15004T | All-in-One-Cart Baldus® Touch

**UPGRADES FOR ALL-IN-ONE-CART**

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15010G</td>
<td>modern glass plate (float glass)</td>
</tr>
<tr>
<td>15010GRAL</td>
<td>modern glass plate, in all RAL colour standards</td>
</tr>
<tr>
<td>15010W</td>
<td>high-gloss finish, pure white</td>
</tr>
<tr>
<td>15010S</td>
<td>high-gloss finish, in all RAL colour standards</td>
</tr>
</tbody>
</table>
**NEW! Mobile stand compact 2-in-1**

+ Mixer Unit
+ 2 gas cylinders 10 L
+ Maximum comfort
+ Minimum space requirement

### 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): 1400 x 630 cm
- Load: 60 kg

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16041</td>
<td>Mobile stand compact 2-in-1</td>
</tr>
</tbody>
</table>

### Baldus® Mobile Cart

**Details:**
- Mobile mount
- Adjusts 360 mm - 560 mm
- 5-leg base
- CE-certified
- Compatible for Baldus® Analog, Matrix Quantiflex and Porter Flowmeter

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16021</td>
<td>Baldus® Mobile Cart</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16020</td>
<td>Baldus® Telescoping Swing Arm Bracket</td>
</tr>
</tbody>
</table>

Non-Telescoping Wall Bracket or Cart Mount

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16037</td>
<td>Wall Bracket or Cart Mount</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15016</td>
<td>Bottle-Trolley</td>
</tr>
</tbody>
</table>

Cylinder Wall Bracket

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>H547-1000</td>
<td>Wall bracket for 1-Gas cylinder</td>
</tr>
<tr>
<td>H547-1100</td>
<td>Wall bracket for 2-Gas cylinder</td>
</tr>
</tbody>
</table>
Our wish is that your patients feel themselves in good hands, come back and recommend your practice to friends and relatives. 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
- Including autoclavable vacuum hose

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16002</td>
<td>Baldus® Vacuum Control Block</td>
</tr>
</tbody>
</table>

**Reservoir Bag**

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15015-3L</td>
<td>3-Liter Reservoir Bag (Adult)</td>
</tr>
<tr>
<td>15015-2,3L</td>
<td>2,3-Liter Reservoir Bag (Pedo)</td>
</tr>
<tr>
<td>15015-1L</td>
<td>1-Liter Reservoir Bag</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15030</td>
<td>Nitrous Evacuator</td>
</tr>
</tbody>
</table>
Ultraslim Pressure Reducer $O_2$

» Hand connection for $O_2$ 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 $N_2O$

» Hand connection for $N_2O$ 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 $N_2O$

Medical Flow Meter

» Oxygen Medical Pressure Regulator

Details:
- Content pressure gauge
- 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

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
- Connection possibility for Bag-Valve-Mask Resuscitator, nasal cannula, etc.
- Including adapter for local gas cylinder connection

Art.-No. | Article
--- | ---
A90-way-Fast-15PS | Medical Flow Meter with DIN coupler

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
**O₂ Pressure Hose**

- **Details:**
  - Check valve to prevent rebreathing in the bag and emergency opening valve for more safety and hygiene
  - Made of aluminium, stainless steel and brass

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15006</td>
<td>Baldus® Bag-T for Nitrous Oxide Sedation</td>
</tr>
<tr>
<td>16001</td>
<td>Multiparameter Patient Monitoring Deluxe70</td>
</tr>
</tbody>
</table>

**N₂O Pressure Hose**

- **Details:**
  - Made of aluminium, stainless steel and brass

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15006</td>
<td>Medical hose – NIST and DISS connection (male)</td>
</tr>
<tr>
<td>16038-1</td>
<td>Medical hose – DIN gas probe and DISS connection</td>
</tr>
<tr>
<td>H6600107</td>
<td>Medical hose – DIN gas probe and NIST connection</td>
</tr>
</tbody>
</table>

**O-Ring for pressure reducer**

- **Details:**
  - Check valve to prevent rebreathing in the bag and emergency opening valve for more safety and hygiene
  - Made of aluminium, stainless steel and brass

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>1125714</td>
<td>O-Ring for oxygen O₂ standard pressure reducer</td>
</tr>
<tr>
<td>104746-4</td>
<td>O-Ring for nitrous oxide N₂O standard pressure reducer</td>
</tr>
</tbody>
</table>

**Baldus® Bag-T**

- **Details:**
  - Check valve to prevent rebreathing in the bag and emergency opening valve for more safety and hygiene
  - Made of aluminium, stainless steel and brass

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16001</td>
<td>Baldus® Bag-T</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deluxe70</td>
<td>Multiparameter Patient Monitoring Deluxe70</td>
</tr>
</tbody>
</table>
Princé 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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>100C1</td>
<td>Fingerclip Adult</td>
</tr>
<tr>
<td>100D2</td>
<td>Fingerclip Child</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15018</td>
<td>SpO₂ Monitor</td>
</tr>
</tbody>
</table>

UPGRADE FOR THIS ARTICLE

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5825506</td>
<td>SoftCap Sensor, Pedo (10 to 50 kg)</td>
<td>220,00 €</td>
</tr>
</tbody>
</table>
Fragrance Pens
Details:
- Fragrance pens for autoclavable inner mask
- Set: 1 x strawberry, 1 x chocolate, 1 x vanilla

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.988</td>
<td>Fragrance Pens</td>
</tr>
</tbody>
</table>

Leak Detection Spray
Identification of leaks on the Nitrous Oxide Sedation System
Details:
- Cost saving: no more leaks which leads to less gas consumption
- More safety: no nitrous oxide contamination

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>51016160</td>
<td>Leak Detection Spray</td>
</tr>
</tbody>
</table>

Textile Cover
Visual Upgrade of the All-in-One-Cart and 10-Liter Gas Cylinders
Details:
- Crease-resistant and washable up to 30°C
- Available in various colours, further colours upon request

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>15009</td>
<td>Cover „white“ textile cover for All-in-One-Cart</td>
</tr>
<tr>
<td>15000</td>
<td>Cover „blue“ textile cover for 10-Liter Gas Cylinders</td>
</tr>
<tr>
<td>15001</td>
<td>Cover „grey“ textile cover for 10-Liter Gas Cylinders</td>
</tr>
<tr>
<td>15002</td>
<td>Cover „white“ textile cover for 10-Liter Gas Cylinders</td>
</tr>
</tbody>
</table>

The Nitrous Oxide Sedation
THE HIGHLIGHT IN YOUR PRACTICE
The perfect patient education with Sophie and Dr. Hansen.

- This is our free-of-charge service for the waiting room or homepage to make your patients aware of the nitrous oxide treatment. Just download the explanatory video or contact us. We provide the video for free.
Nitrous Oxide is the only form of sedation that has minimal side effects. Within 15 minutes after the session the gas leaves your body system and you are able to drive. Within a short period of time your fear changes into a deep and intensive reassuring state.

**The Ability to Drive Within a Short Period of Time After the Session**

IT WORKS FAST

More than 160 years in dentistry. It is the safest, most effective and highly recommended method for children and adults.

**Fearless Experience with Nitrous Oxide**

From now on! Gentle reassuring in a short time period!

**Reduced Pain Sensitivity**

No more fear from injections and treatment!

**Highly Recommended**

Adults is now exclusively available in our dental office.
**Oval Membrane for Baldus® Masks**

**Details:**
- Content: 10 pieces
- Material: medical silicone, autoclavable
- Adapted for autoclavable and disposable inner masks

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16036</td>
<td>Oval Membrane</td>
</tr>
</tbody>
</table>

**Baldus® Adapter for Saliva Ejector**

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16014</td>
<td>Baldus® Adapter for small Saliva Ejector</td>
</tr>
</tbody>
</table>

**Baldus® Y-Adapter for Gas Supply Hose (Spiral Hose)**

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16016</td>
<td>Baldus® Y-Adapter for Gas Supply Hose</td>
</tr>
</tbody>
</table>

**Baldus® Y-Connector for Vacuum Hose**

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16017</td>
<td>Baldus® Y-Connector for Vacuum Hose</td>
</tr>
</tbody>
</table>

**Baldus® Mask-Connectors**

**Details:**
- Connectors for double nasal mask to double hose
- Autoclavable
- Content: 2 pieces

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>16018</td>
<td>Baldus® Mask-Connectors</td>
</tr>
</tbody>
</table>
Baldus® Vacuum Hose Hanger
Details:
• Hanger for vacuum hose to read the vacuum control block vertically
• Autoclavable

Silicone-Vacuum Hose
Details:
• Autoclavable
• Lenght: 2,5 Meters
• Compatible for Baldus® Scavenger Breathing System and Baldus® Vacuum Control Block

Baldus® Slider
Details:
• Function: for fixing the Baldus® Scavenger Breathing System to the patient’s head
• Autoclavable

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

22 mm Gas Supply Hose (Spiral Hose)
Details:
• Autoclavable
• Lenght: 90 cm, 180 cm
• Compatible for Baldus® Scavenger Breathing System
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.

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>201000</td>
<td>LIFEPAK CR® Plus AED</td>
</tr>
</tbody>
</table>
For your Nitrous Oxide Sedation

Baldus® Demand Valve
Details:
• Demand Valve with universal mask, 3 meters hose and DISS connection for Baldus® Nitrous Oxide Sedation
• Ventilation active and passive

Art.-No.  Article
15012 Baldus® Demand Valve

Disposable Bag-Valve-Mask Resuscitator
Details:
• Single Use
• Available in two models (Adult and Child)
• Including 1 mask

Art.-No.  Article
HB80E-45R Adult, Disposable Mask Resuscitator
HB80E-23IR Child, Disposable Mask Resuscitator

Disposable Ventilation Mask
Details:
• Available in sizes 1-5
• 4 masks per size

Art.-No.  Article
HBM06-UV Disposable Ventilation Mask

Oxygen Tubing with Nasal Cannula
Details:
• Single Use
• Length 2,10 meters
• Adult size
• Latex free
• Supplied in packs of 10

Art.-No.  Article
14090510 Oxygen Tubing with Nasal Cannula
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.
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.
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

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

<table>
<thead>
<tr>
<th>Art.-No.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>H6600400</td>
<td>Pressure Reducer Direct</td>
</tr>
</tbody>
</table>
Baldus Medizintechnik GmbH 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 Medizintechnik GmbH. 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.
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).

Certification according to the Council of European Dentists resolution 2012.

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!

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

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

– 39 –