The ENT Concept

Customised solutions for individual needs
The form and function of ENT workstations has changed considerably over the past 50 years. The BASIC PLUS line represents a temporary limit to this long phase of development. All units are designed to satisfy the highest possible requirements.
Clearly organized and structured work station

The unit's modular design ensures clean lines and has a reassuring effect on the patient.

Practical layout of functional elements

All the elements are positioned within easy reach of the doctor and are also designed for single-handed operation. The instrument trays, preparation tray and waste containers are situated close to the patient, whilst the suspended cables of the light sources are ideally placed in the centre of the unit for protection. There are plenty of drawers and storage compartments with space for consumable materials.

Flexibility when assembling the unit

There is almost no limit to the individual's choice of layout thanks to the unit's modular design and the equipment available.
BASIC PLUS
A variety of options

The BASIC PLUS line is built up around the ENT diagnosis and treatment unit which is available in three different widths. All versions may be used as a "stand-alone" system or may be extended as desired with additional modules (e.g. endoscopy centre, instrument cabinet, desk attachment, plateau etc.). There is also the option of a left-handed version.

Casing widths
- BASIC PLUS 450 mm
- BASIC PLUS 550 mm
- BASIC PLUS 700 mm

Basic model
- Compressed air unit complete with fine regulation handpiece,
  3 spray bottles, Politzer attachments, flow limiter and pressure gauge
- Suction unit with non-vibrating, smooth-running vacuum pump,
  34 l/min, max. vacuum 93 %
- Mirror reheating unit
- Instrument surface with removable trays,
  Plexiglas dust cover to protect the instruments
- Instrument drawer with aluminium trays and stainless steel dividers
- Drawer as writing surface with removable Plexiglas shelf insert
- Storage drawer
- Open compartment with electric socket for additional equipment

BASIC PLUS
450 mm casing width

BASIC PLUS
with endoscopy centre, 2 light outlets, 450 mm casing width
Optional Accessories

- 38°C warm water rinsing device with autoclavable water filter unit
- Single, double or quadruple cold light source, each 150 W halogen
- Automatic on/off switch and disinfection time control via light barrier (or light switch control)
- Ear rinsing funnel on swivel arm with second suction hose
- Automatic liquid container discharge
- Suction tube cleaner with exchangeable, autoclavable stainless steel adapter
- Mirror preheating unit for more than 50 mirrors of different sizes
- Heated instrument surface
- Instrument cabinet
- Desk module Type L, Type S
- High-platoae with concealed sockets for additional equipment
- Swivel support for additional equipment
- Integration of practice's EDP system into the equipment concept
- Microscope holder with electricity supply
- Stainless steel edges to protect areas of particularly high wear
- Melamin drawers holding disinfectant solutions
- Built-in waste bin for infectious wastes, syringes, etc.
- Pedal-operated waste bin
- Mobile on double castors

**BASIC PLUS with Desk L**

550 mm casing width
BASIC PLUS with Desk S
holder for PC monitor and keyboard drawer

BASIC PLUS STATION
with endoscopy centre, 4 light outlets
Thanks to our close co-operation with hospitals and private clinics we have received invaluable stimuli for the continued development of our products since 1950. As a result we are always a few steps ahead of the market and are able to offer sophisticated high-quality equipment designed with practical advantages.
All handpieces and applied parts are fully autoclavable (water handle, spray handle, spray cannulas, nozzles etc.). Quick-fit couplings on all hoses ensure easy assembly.

Quadruple endoscopy centre with 4 light outlets, each 150 W halogen, light barrier controlled lighting, automatic activation of head light, preheating quivers, disinfection quivers, disinfection time control, quivers for flexible scopes.

To enlarge the workspace, a swivel support is available to integrate a stroboscope, ultrasound unit etc.

Dispenser for examination gloves or Kleenex tissues
Compartment with examination gloves dispenser.

Dispensers for cotton wool and tongue holder tissues

Paper dispenser for instrument surface. Even without a helping hand a clean instrument surface is ready for the next patient in seconds.
Hygiene in the ENT Workstation

Due to their complex and multifunctional nature, ENT treatment units often exhibit numerous weak points where hygiene is concerned. These points are increasingly the focus of public discussion. OTOPRON'T has a perfect and comprehensive hygiene concept for all the critical points of an ENT workstation.

Examples of the hygiene concept

- All applied parts are autoclavable
- Autoclavable handpieces for compressed air unit and water rinsing device
- Quick-fit couplings ensure easy and secure assembly
- Autoclavable anti-microbial water filter unit, 0.2 μm
- Suction pipe cleaning and disinfection system
- Autoclavable adapters for suction pipe cleaning system
- Autoclavable suction hoses
- Plug-in liquid bottle, soakable and suitable for thermal disinfectors
- Optional use of disposable suction bags
- Autoclavable quivers for endoscopes
- Oil-free compressed air unit
- Disinfectant-resistant surfaces, easy to clean

Anti-microbial water filter unit for ear rinsing water free of legionella and pseudomonas. Completely autoclavable. Diaphragm filter 0.2 μm, 400 cm² active filter surface. Scientifically validated

Automatic discharge of liquid bottle.
Reservoir for disinfectants. All filters and bottles are easily accessible yet out of view on the back of the unit

Plug-in liquid bottle for both manual and automatic discharge. Optional use of disposable suction bags (Receptal®, Disposal®, Serres®, etc.)
Variations

BASIC PLUS 450 mm wide
BASIC PLUS with endoscopy centre and plateau
BASIC PLUS STATION with microscope and plateau
BASIC PLUS 550 mm wide
BASIC PLUS with Desk S
BASIC PLUS with Desk L

Technical Data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Compressed air unit</td>
<td>0.1–4 bar, adjustable, pressure gauge</td>
</tr>
<tr>
<td>Suction unit</td>
<td>34 l/min, 93% max. vacuum, vacuum gauge</td>
</tr>
<tr>
<td>Liquid bottle</td>
<td>1.5 l, optional with disposable suction bags</td>
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<tr>
<td>38°C water rinsing device</td>
<td>5–800 ml/min flow</td>
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<tr>
<td>Water filter unit</td>
<td>completely autoclavable, 0.2 µm diaphragm filter, 400 cm² active filter surface</td>
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<tr>
<td>Cold light</td>
<td>halogen 150 W, 1 to 4 outlets, brightness switch over</td>
</tr>
<tr>
<td>Casing</td>
<td>2.5 mm steel casing</td>
</tr>
<tr>
<td>Weight</td>
<td>90–125 kg</td>
</tr>
<tr>
<td>Water supply</td>
<td>3/8&quot; water inlet</td>
</tr>
<tr>
<td></td>
<td>3/4&quot; water outlet (optional)</td>
</tr>
<tr>
<td>Power supply</td>
<td>110–230 V, 50/60 Hz, 2000 W max.</td>
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<tr>
<td>CE mark</td>
<td>accord. to MDD 93/42/EEC</td>
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