

ORL 3003 L

ENT
Treatment
and Diagnostic
Center

The ultimate
in high quality



otopront®

ORL 3003 L



Cold light source

A powerful cold light source is available with 1, 2 or 4 outlets as an option. It can either be placed underneath the extension or at the front. The light intensity is adjustable from 50 to 150 Watt while an NTC ventilation system in combination with a heat absorbance filter always secures a low light temperature and long lamp lifetime. Each outlet uses a separate bulb so that independent use of the outlets is possible.

Endoscopy quivers

The warming quivers and disinfection quivers are placed in the extension arm, so that an ergonomic access to the scopes is guaranteed.

If endoscopy quivers are ordered in the extension, we recommend to place the light source underneath the extension beside the water filter. If not mentioned in the order separately, cold light source will be delivered on the frontside beside the melamin drawer.

As a further alternative the endoscopy quivers can be attached at the right side of the unit.

(Picture demonstrates attachment with gallow shaped type of head mirrors rest). Warming and disinfection quivers are easy to detach for cleaning.

The **compressed air unit** includes 3 spray bottles in different colours. The spray bottles are housed in black quivers to protect the liquid from light and thus crystallisation.

Underneath the spray bottles, the **low voltage connectors** for electro cautery, diaphanoscope, Frenzel glasses or electro head light are located. The voltage connectors with rheostat allow 0-6V, 6-17V, 2A and 0-6V, 10A.

Functional Details



The **large instrument surface**, **instrument drawers** and **writing surface** are equipped with a shelf, which can easily be taken out for cleaning or exchange. Furthermore, the shelves are organized with a set of **stainless steel dividers** with brushed surface for instrument compartments.



Upon request of additional accessoires, the unit can be delivered with a **swivel support** for additional equipment like ultrasound unit, stroboscope, Further, there is the possibility to place a **halogen head mirror lamp**, with adjustable intensity, at the extension. A **kidney shaped ear rinsing funnel** with active motor suction and ear wax separator will be delivered on swivel arm, if an automatic liquid bottle discharge system is ordered.



Illuminated writing surface

Upon request the writing drawer/dressing plate can be delivered with illumination and automatic on/off switch for illumination. Thus it doubles its function as a writing surface (holder for patient files and illumination of X-rays).



A specially designed **drawer** allows to integrate the **high frequency coagulation** device into the ORL 3003. A plastic shelf beside the coagulation device provides space for knife and forceps, so that here as well easy access is guaranteed.



Water filter system

Underneath the extension, the water filter is located. It is integrated into a second heating system (to warm the water in the filter), and it is easy to connect or disconnect via a snap mechanism. All parts, filter cartridge, stainless steel housing, water tube and the handgrip itself are autoclavable, to guarantee a water quality free of dirt, legionelles and pseudomonas. The filter cartridge can be reused and autoclaved several times.



Suction pipe cleaner

A must for every ENT unit. Protects the suction tube from clogging and disinfects the suction system between the examinations. The cone shaped adapters allow to clean the tubes and pipes of different diameters. Due to their steel body and chrome-plated surface, the adapters are easy to clean and to autoclave. A couple of adapters will be delivered with the unit for exchange.



Waste container and melamin drawer

The 3003 L allows easy access to foot operated waste container and melamin drawer for used instruments.



Service box

All elements requiring easy access, are placed in the service box. The compartment contains the liquid container (can be easily taken out, if necessary), reservoir for disinfection liquid / water mixture for the suction pipe cleaner, sterile filter system for suction unit, and the second overflow control fuse. All instructions are further printed in the inside of the door. The service box is placed on the right side of the unit, thus concealing the inside from the patient's view.



Rinsing funnel

Upon request the ORL 3003 L can be delivered with a big ear rinsing funnel on a swivel arm. It is kidney shaped and further detachable for cleaning. Ear wax separator and noise reducer are further details to increase the operating comfort.



Cotton and paper dispenser

Takes up no room – the cotton and paper dispenser drawer. Take out is as simple as refill. Paper tears off effortlessly, clamping mechanism.



ORL 3003 L



Compressed air unit,

continuously adjustable from 0.1–4.0 bar (spray/politzer), fine regulation handpiece, pressure limiter, 3 spray bottles in different colours, front cannulas in two different diameters.

This system contains a 1.5 ltr. tank for compressed air, so that the compressor is required to work only 4–5 times per day.

The compressor is completely separated from the suction unit, silently motorized and maintenance free.

The chrome-plated steel handle is adjustable to politzer olives and equipped with a tube retractor inside the unit. A set of politzer olives is included.

Warm water rinsing device

According to the latest regulations this unit is equipped with a sophisticated water filter system. The water is heated in a 1.5 ltr. stainless steel tank to prevent mineral build-up (normally occurs with conventional continuous flow heaters). Two thermostat controls allow precise temperature adjustment (normally 38°C). The water handle itself is chrome plated metal and thus autoclavable. Easy to change frontal Luer tip and fine regulation valve.

Cold water irrigation

By pressing a button on the front panel the water changes its temperature to cold so that caloric testing can be performed as well.

Motor suction unit

A powerful but silently motorized suction unit belongs to the standard ORL 3003 L.

90% max. vacuum with 32 ltr./min. are connected to the suction tube with automatic on/off switch and retractor mechanism inside the unit, when not in use.

The system is equipped with a bacterial filter, double overflow control fuse and a 1.5 ltr. liquid bottle that, as an option, can be connected to the automatic liquid bottle discharge system.

Mirror prewarmer

The mirror prewarmer is inside the large instrument surface underneath a plexiglass dust cover. It provides space for more than 50 mirrors of different size. A thermostat control secures heating of the mirrors to body temperature and thus protects the mirrors from fogging. If the mirror prewarmer is ordered the whole instrument surface will be delivered with a heating system to warm the other instruments as well.

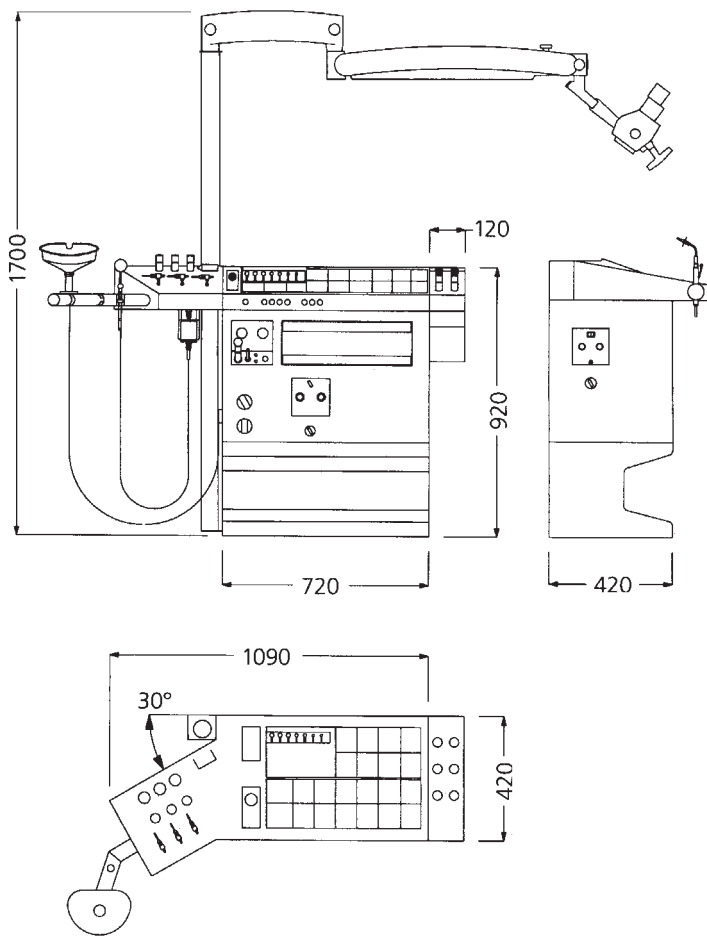
Mirror rewarmer

To rewarm a used mirror for continuing the examination a mirror rewarmer with single handed heating function is located beside the instrument surface.



otopront®

ORL 3003 L

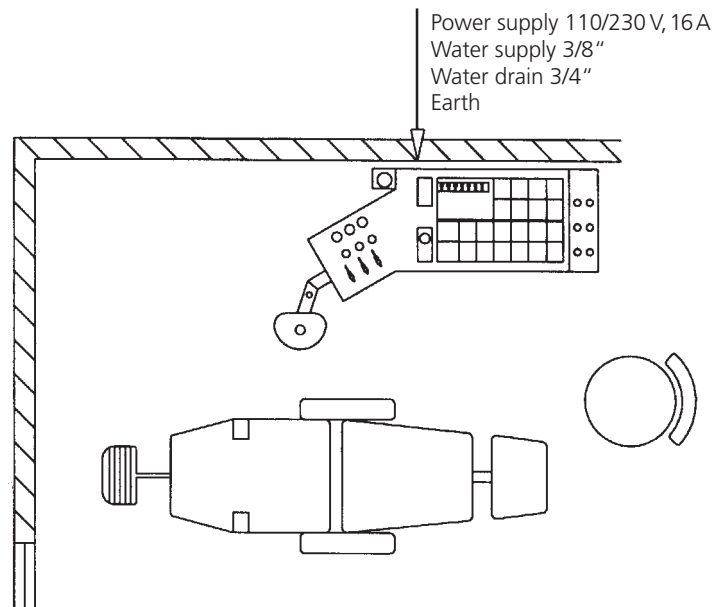


Represented by:

Technical Data

Construction	2.5 mm steel casing, 8–20 mm PUR top
Overall dimensions	1090 x 510 x 920 mm (L x W x H)
Weight	110–125 kg
Power consumption	1800 W max.
Power supply	110 or 230 V, 50/60 Hz
Water supply	3/8"
Water drain	3/4" (only required if automatic liquid bottle is ordered)
Instrument surface	570 x 380 mm
Light source	1, 2 or 4 outlets, 150 W
Suction motor	32 ltr./min., 90% max. vacuum
Compressor	0.1–4 bar
Liquid bottle	1.5 ltr. disposable or reusable
Liquid bottle discharge	separate drainage pump
CE mark	accord. to MDD 93/42/EEC

All designs and specifications subject to change without notice.



Happersberger otopront GmbH

Medical Equipment Manufacturer

D - 65329 Hohenstein · P. O. Box · Germany

Tel. +49-6120-9217-0 · Fax +49-6120-9217-60

www.otopront.com · info@otopront.com

otopront®