

TotalENT™

Crystal-Clear Images Lit by Fiber Optics

GlobalMed's scalable TotalENT utilizes German optics and fiber optic illumination to obtain ear, nose and throat images and easily integrates in telemedicine systems.

- TotalENT camera features color-balance control, fine focus and adjustable window size.
- Electronic filter minimizes the Moiré effects on flexible objects to reduce image distortion.
- Included high resolution otoscope comes with a detachable pneumatic bulb and supply of disposable specula pieces.
- Videos are captured via push button or by a footswitch.

Bright Illumination

TotalENT has the industry's best single-chip camera with a built-in light source. A 24-watt short arc Xenon metal halide provides superior lighting to the depth of the TotalENT scope line.

Versatile and Scalable

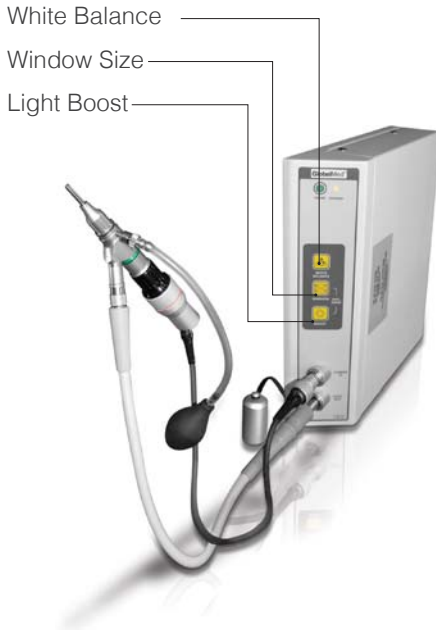
A variety of interchangeable scopes provides options while helping to keep costs under control.

- Add new scopes as needs expand.
- Availability of other rigid scopes eliminates the need for other systems.
- Available scopes include:
 - ENT
 - Sinus
 - Rigid laryngoscope
 - Nasopharyngoscope
- Works with both NTSC (USA) and PAL (International).



Works with your PC or Mac and on most popular video codecs including:





- 28mm coupler.
- Soakable scopes.
- 24-watt Xenon light source.
- Detachable ENT scope line.
- Scalable solution.
- Fiber optic lighting technology.

Optional Scopes

- Rigid laryngoscope (70°, 10mm).
- Rigid laryngoscope (30°, 4mm).
- Rigid laryngoscope (0°, 4mm).
- Flexible nasopharyngoscope (3.2mm).

Technical Specifications

- Resolution NTSC: 768 H x 494 V 470 TV-lines horizontal.
- PAL: 752 H x 582 V 470 TV-lines horizontal.
- Video Terminals 1 X VBS (1 Vpp/75Ω), BNC.
1 X Hosiden (Y/C), Mini-DIN-jack.
- Video Output 1 composite & 1 S-Video.
- Camera Head Soakable with "C" mount.
- White Balance Automatic, with memory.
- Color Temperature 5460K.
- Camera Sensor 1/3" CCD, interline.
- Shutter Floating, cycles from 1/50 to 1/2,000,000 sec.
- Freeze Memory (optional) Amount of pixels: 752 H x 580 V.
- Frame Storage Color depth: 8 bit.
- AGC Automatic Max. emphasis +30db.
- Light Measurement Integral.
- Light Source 24 Watt short arc Xenon.
- Light Source Connection Karl Storz.
- Power Supply 115 VAC ± 10%.
230 VAC ± 10%.
- Power Requirements 115 Volt, 70 Watts.
- Fuses Located on rear of control unit.
Fine fuses, 5x20mm, delay acting (slow-blow) For 115.
VAC: 2.5A, 2 pieces.
For 230 VAC: 1.25A, 2 pieces.
- Certificates CE.
- Dimensions Control Unit: W x H x D = 355 x 110 x 320 mm.
- Weight Control Unit: 4kg (approximately).
Shipping Weight: 5.5kg (approximately).

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