InfantView
Vision at its best.

Ventilation Beyond Limits
When it comes to Life, there is no Compromise

Distributing worldwide

ACUTRONIC is a privately owned company that develops, manufactures, and distributes high-tech ventilation and monitoring solutions for neonatal, paediatric and adult ICUs and intensive care transport in over 90 countries. When it comes to the most critical areas of respiratory care, we are the leading partner for hospitals in neonatology, paediatrics, jet ventilation, and difficult airway management.

Forward Thinking

Our aspiration is to develop innovative solutions that simplify the busy clinical routine for caregivers and increase patient safety. With over 30 years of experience and together with our global network of clinical experts, we are able to quickly translate new developments into real innovations – and keep challenging ourselves to improve and set new benchmarks.

Exploring where Others stop

ACUTRONIC products have an excellent reputation for precision, quality, and service in the industry. We strive every day to provide the best solutions for the most challenging groups of patients. We continue to explore where others stop.

ACUTRONIC – Ventilation Beyond Limits
InfantView
Vision at its best.

With the InfantView, ACUTRONIC Medical Systems AG introduces a highly dedicated device for neonatal and paediatric video-intubation and transillumination to improve patient outcome, optimize your workflow, and to reduce costs.

Multifunctionality

One device: the InfantView covers multiple related medical procedures during resuscitation, intubation and ventilation. From delivery room to NICU, the InfantView offers the best intubation and transillumination technologies in a single device.

Ease of Use

Putting the focus back on the baby: the InfantView is designed from a user’s point of view, minimizing the time needed to manage intubation and transillumination.

Patient Safety

Keeping babies safe and protected is the starting point of all our thoughts – this is realized with high definition visualization and dedicated, autoclavable blades made from medical steel for safe reprocessing.

Mobility

Designed for mobility: thanks to its smart, compact design, the InfantView allows easy access at all times and is swiftly ready at different locations.

Training

Thanks to its screen size and the option of displaying the image on external monitors, the InfantView is ideally suited for operating rooms and training sessions.

Modularity

Future-oriented: in addition to the existing accessories, other options that may be required in the future can easily be added to the system. Offering continuous extension possibilities, the InfantView is ready today for the challenges of tomorrow.

VisionHandle

- High resolution 480,000 pixel camera
- Detailed visualization of small airways

- LED light source
- Cold light technology, long service life

- Ergonomic shape
- Best grip, precise operation

- Coated aluminium body
- Solid, lightweight handle

- InfantView coupling system
- Fast and secure mounting and switching of blades

- Soakable for liquid disinfection
- Safe and effective reprocessing

LaryngoBlade

- High-refractive rod lenses
- Crisp images and no image distortion

- Fibre optics
- Powerful, homogeneous illumination

- Medical steel blades out of one piece
- No soldering, no welding, smooth tube insertion, easy reprocessing

- Miller and Mac style blades 00 / 0 / 1
- Dedicated to neonates, proven shapes and sizes based on the original

- Pristine endoscopic technology
- Autoclavable at 134°C, 2.3 bar
Multifunctionality
Transillumination

ThoraxShine
Specific focusing lenses
focused light beam, high light density

LED light source
cold light technology, white light to visualize the thorax,
long service life

Light weight, ergonomic body
easy to handle, versatile in use

VeinFinder
Specific focusing lenses
focused light beam, high light density

LED light source
cold light technology, white light to visualize the veins,
long service life

Ergonomic rest
quick and easy placement of the baby’s arm or leg

Multifunctionality
Connect your own Endoscope

EndoCamera Head
High resolution 480,000 pixel camera
detailed visualization of small airways

Soakable for liquid disinfection
safe and effective reprocessing

EndoTV Coupler
DIN 58105 connection
fits most medical endoscopes

Focus ring
gives superior picture quality

Soakable for liquid disinfection
safe and effective reprocessing

EndoLight Source
Wolf connection
fits most medical endoscopes

LED light source
cold light, long service life

Soakable for liquid disinfection
safe and effective reprocessing
**Patient Safety**

**Autoclavable**
The InfantView LaryngoBlade is autoclavable at 134°C, 2.3 bar, and guarantees a safe and effective sterilization.

**Dedicated Design**
Available in different smooth shapes and sizes, the InfantView LaryngoBlade is specifically designed for the small airways of the tiniest and most fragile patients imaginable.

**Picture Quality**
Highest-quality optics and a CCD image sensor allow razor-sharp visualization of the smallest airways for the best view. No compromises with the tiniest patients.

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**Training**

**Display Size**
More than one person at a time can easily follow the intubation process.

**Big Audience**
Connect up to two external monitors.

**Documentation**
Save screenshots on a USB stick for team debriefing and archiving.

**Connectivity**
External video recording options via S-Video output.
Ease of Use

1. Connections
   Quick and secure plug-in system for accessories. Non-interchangeable camera and light plugs.

2. Image Control
   Direct front access to most relevant image functions. Advanced functions accessible via a user-friendly menu.

3. Stand-by Mode
   Ready at any time for immediate operation. All accessories are automatically switched on using one button.

Mobility

4. Transport
   Designed for safe and practical transport for rapid deployment on-site.

5. Access
   Easy access and flexibility at all times thanks to its smart, compact design.
Future-oriented

Thanks to its universal video and light sockets, the InfantView offers the option of continuous innovation. New accessories that may be required in the future can be easily added to the existing system.

### Technical Specifications

<table>
<thead>
<tr>
<th><strong>ControlUnit</strong></th>
<th><strong>VisionHandle</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td>High resolution CCD Camera and internal LED</td>
</tr>
<tr>
<td>Power supply: 100-240V AC</td>
<td>Infantview mount for LaryngoBlade</td>
</tr>
<tr>
<td>50-60Hz</td>
<td>460g</td>
</tr>
<tr>
<td>Power consumption max</td>
<td>45W</td>
</tr>
<tr>
<td>Keypad with 14 buttons</td>
<td></td>
</tr>
<tr>
<td>3.9kg</td>
<td>Weight: 200g</td>
</tr>
<tr>
<td>(W x D x H)</td>
<td>320 x 250 x 85mm closed / 290mm open</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td><strong>LaryngoBlade</strong></td>
</tr>
<tr>
<td>Type: SVGA TFT LCD</td>
<td>One-piece medical stainless steel</td>
</tr>
<tr>
<td>Diagonal screen size: 12.1” (307.5mm)</td>
<td>Rod lens optics and fibre optics</td>
</tr>
<tr>
<td>Pixel format (H x V): 800 x 600px</td>
<td>Infantview mount for VisionHandle</td>
</tr>
<tr>
<td><strong>Control Functions</strong></td>
<td>• Mac Style 1: 57g</td>
</tr>
<tr>
<td>Light: +/- Intensity regulation, separate light On/Off</td>
<td>• Miller Style 0: 45g</td>
</tr>
<tr>
<td>Image: +/- Brightness regulation, White Balance, WinUp/Down</td>
<td>• Miller Style 00: 43g</td>
</tr>
<tr>
<td>Menu for advanced image control functions</td>
<td><strong>EndoCamera Head</strong></td>
</tr>
<tr>
<td>1-Touch save to USB</td>
<td>High resolution CCD Camera</td>
</tr>
<tr>
<td><strong>Input and Output Ports</strong></td>
<td>C-Mount for EndoTV Coupler</td>
</tr>
<tr>
<td>1 Light socket</td>
<td>150g</td>
</tr>
<tr>
<td>1 Camera socket</td>
<td></td>
</tr>
<tr>
<td>1 USB output</td>
<td>185g</td>
</tr>
<tr>
<td>2 S-Video outputs</td>
<td></td>
</tr>
<tr>
<td><strong>VeinFinder</strong></td>
<td><strong>EndoTV Coupler</strong></td>
</tr>
<tr>
<td>90° lateral light output</td>
<td>Focus ring: F=23</td>
</tr>
<tr>
<td>LED white light for transillumination</td>
<td>Fits to all DIN 58105 eyepieces</td>
</tr>
<tr>
<td>200g</td>
<td>Ø (Ø x L)</td>
</tr>
<tr>
<td><strong>ThoraxShine</strong></td>
<td><strong>EndoLight Source</strong></td>
</tr>
<tr>
<td>0° frontal light output</td>
<td>High-power LED light</td>
</tr>
<tr>
<td>LED white light for transillumination</td>
<td>Fits to all ACM light connectors with Wolf adapter</td>
</tr>
<tr>
<td>150g</td>
<td>Head (Ø x L)</td>
</tr>
<tr>
<td>20 x 120mm</td>
<td></td>
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</tbody>
</table>
Our customers can always rely on ACUTRONIC’s Technology. Regardless of where in the world our products are used, they are manufactured with comprehensive expertise and a global understanding of the needs and requirements of doctors and patients.

ACUTRONIC products are precision crafted. They are not just products of what is technologically possible, but what is technologically useful. It is not just what is next, but what should be next. Like the InfantView, with its blade design based on the proven, original shapes and sizes, combined with highest-quality, precision crafted optics for superior video intubation.

Designed in Switzerland