FOCUS™ Intraoral X-ray

Focus on your patient.

INSTRUMENTARIUM
The FOCUS ™ X-ray with Anti-Drift Mechanism is a premium quality high-frequency intra-oral DC unit. An ideal tool for demanding dental professionals – like you.
Why FOCUS™ X-ray?

- Exceptional Stability
- Anti-Drift mechanism
- Smooth movements
- Always close to the patient
- Accurate and reliable exposure
- Excellent build quality
- Eye-catching design
Exceptional stability. Amazingly light to handle.

**Smooth movement – but only when you want it**

The FOCUS™ X-ray is extremely stable yet amazingly light and easy to handle. It positions smoothly with just one hand! The movement stops when you want it to stop – no drifting or re-positioning. This exceptional stability is a result of the ADM (Anti-Drift Mechanism) in the scissor arm. This innovative design provides complete immobility after positioning, which is essential in order to get clinically correct images.
**Extremely long arm reach**

The choice of three different arm lengths makes the FOCUS™ unit the perfect X-ray for any practice. The long arm reach ensures the FOCUS™ X-ray is always where it is needed, close to the patient. Taking images is easy and convenient also in dental offices with a challenging layout.

**No compromises**

Choose the ideal configuration for your practice – don’t settle for any compromises. Expand your FOCUS™ X-ray with an additional control panel, or a remote exposure button for easier operation. Choose from a variety of cones to ensure your X-ray is the best fit for your clinical needs.
Extremely long arm. Always close to the patient.

**Optimize your office space**

The small footprint of the FOCUS™ X-ray mounting system requires less space on the wall than an ordinary X-ray unit. A standard wall mount or cabinet mount allows the FOCUS™ X-ray to be installed in any type of room setup. A unit-mounted FOCUS™ X-ray can be installed directly on dental care units. Utilize your office space more efficiently with the FOCUS™ X-ray!
Not all intraoral X-ray units are the same. The highly accurate FOCUS™ X-ray generator reaches the desired exposure settings quickly and accurately. This provides a safe exposure and repeatable image quality at all times. The DAP display (Dose Area Product) allows dose monitoring for individual patients.

The FOCUS™ X-ray can use maximum X-ray power with high tube current (7mA) at all exposure settings, allowing the use of short exposure times. The high anode heat storage capacity translates to long service life of the tube. The FOCUS™ X-ray does not need to run even close to its heat capacity in normal use. The FOCUS™ intraoral X-ray can be operated continuously with no interruptions as long as needed.

Premium components and precise manufacturing guarantee reliable performance year after year. The quality of mechanics and electronics designs used in the FOCUS™ intraoral X-ray is in a class of its own. The eye-catching design and carefully finished details communicate the Instrumentarium Dental desire for perfection.
Dimensions

Single stud
Standard mount for single stud wall or cabinet mount.

16" center stud
Standard wall mount for 16" center studs.
The unit mounted FOCUS™ X-ray fits most dental care units.

### Selection of cones
A comprehensive range of FOCUS™ X-ray cones is available.

### Technical specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>generator</td>
<td>constant potential [high voltage DC, 100–200 kHz]</td>
</tr>
<tr>
<td>tube voltage</td>
<td>60 or 70 kV</td>
</tr>
<tr>
<td>tube current</td>
<td>7 mA</td>
</tr>
<tr>
<td>focal spot</td>
<td>0.7 mm to IEC 60336</td>
</tr>
<tr>
<td>total filtration</td>
<td>2.5 mm Al [70 kV]</td>
</tr>
<tr>
<td>line voltage</td>
<td>115 / 230 VAC +/- 10 %, 50/60 Hz</td>
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<tr>
<td>exposure time range</td>
<td>0.02–3.2 seconds</td>
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### Expandability
- remote exposure button
- two remote controls
- door switch readiness
- external exposure lamp readiness
- unit mount

### Weight
- total 66 lbs (30 kg)

### Beam limiting cone dimensions
- round diameter 2.36” (60 mm), rectangular 1.38” x 1.77” (35 x 45 mm)

### SSD (Source-Skin Distance)
- standard cone 9” (229 mm), long cone 12” (305 mm)

### Installation
- vertical wall mount for single stud, or horizontal wall mount for 16” (406 mm) center stud installation unit mount
Instrumentarium Dental develops, manufactures and markets high-tech systems and solutions for dental and maxillofacial imaging. We work in close co-operation with dental professionals, universities and other research centers in our quest to develop solutions that will meet and exceed the expectations of our customers. As the establisher of panoramic X-ray imaging, we are committed to providing high clinical performance while still maintaining simplicity, ease of use and workflow efficiency. The Instrumentarium Dental product portfolio consists of a full range of premium quality imaging solutions for intraoral, extraoral and 3D imaging. For more detailed information about our products, please visit www.instrumentariumdental.com.

Instrumentarium Dental reserves the right to make changes to specifications and features shown herein, or to discontinue the product described at any time without notice or obligation. Contact your Instrumentarium Dental representative for the most current information.

CE marked according to Medical Device Directive (NB 0537).


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