



# FOCUS™ Intraoral X-ray

*Focus on your patient.*



INSTRUMENTARIUM



## 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.

**ADM**  
ANTI-DRIFT MECHANISM

***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.  
Always close to the patient.

### ***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.

### ***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!



# Accurate and reliable exposure.

## ***Precise outcome***

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.

## ***Long lasting performance***

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.

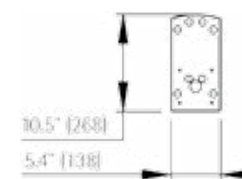
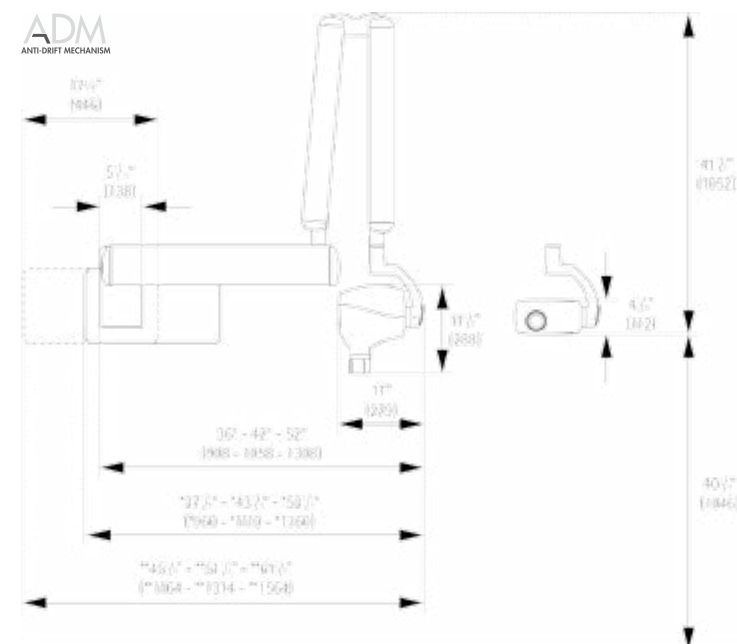
## ***Reliable exposure***

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.

2D

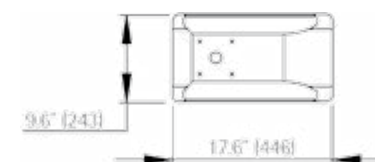


# Dimensions



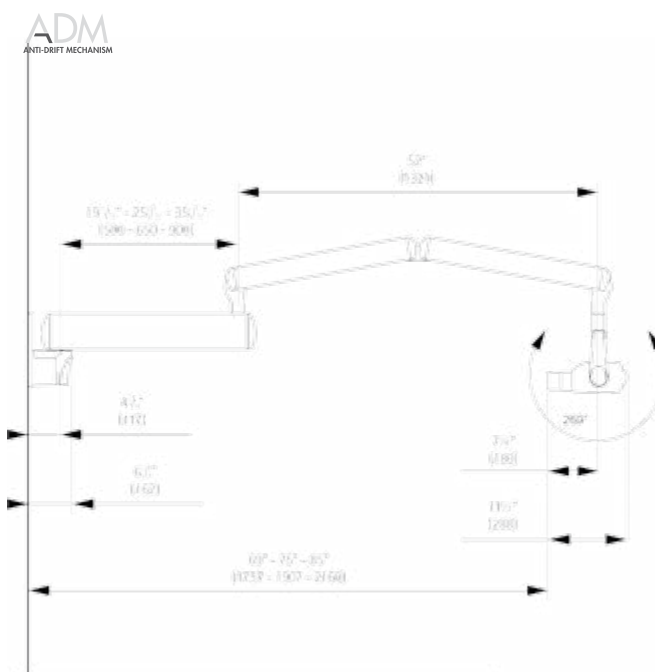
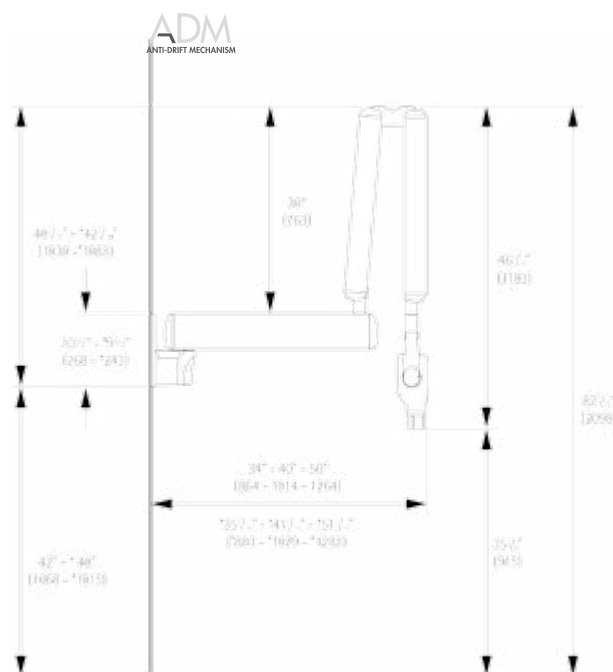
### Single stud

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



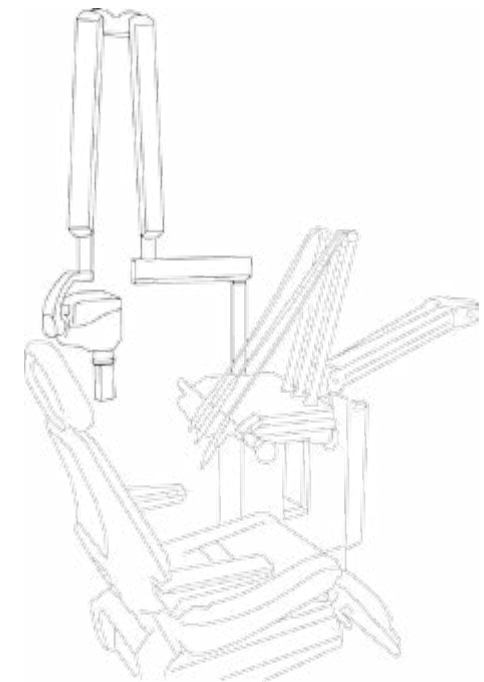
16" center stud

Standard wall mount for 16" center studs.



### Selection of cones

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



## Unit mounted FOCUS™ X-ray

The unit mounted FOCUS™ X-ray fits most dental care units.

Technical specifications	
generator	constant potential (high voltage DC, 100–200 kHz)
tube voltage	60 or 70 kV
tube current	7 mA
focal spot	0.7 mm to IEC 60336
total filtration	2.5 mm Al (70 kV)
line voltage	115 / 230 VAC +/- 10 %, 50/60 Hz
exposure time range	0.02–3.2 seconds
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](http://www.instrumentariumdental.com)**.

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FOCUS™ is a common law trademark of Instrumentarium Dental, PaloDEX Group Oy.

**[www.instrumentariumdental.com](http://www.instrumentariumdental.com)**

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