Uncompromised quality
FOCUS™ is a reliable high frequency intraoral DC that continues the legacy of GE’s world famous panoramic x-ray system, the Orthopantomograph®. High quality system components, a user-friendly design and advanced system controls, combined with GE’s manufacturing excellence, make FOCUS x-ray extremely dependable and ready to provide years of reliable service.
Easy to handle
FOCUS x-ray’s design is based on demanding clinical needs. The arm can be moved smoothly, yet it maintains exceptional stability, keeping the tube head motionless during exposure. The offset tube head allows the user to have a direct view of the patient, enabling fast and easy positioning.

Built-in dose display
The built-in Dose Area Product function is an intelligent tool which monitors patient dose for individual patient safety and longer-term recording. The dose is calculated and shown after every exposure on the FOCUS control panel.

Smart control
Exposure selection with FOCUS x-ray is quick and effortless.
Smart control
The user-friendly remote control includes pre-programmed exposure settings for all adult and pediatric dentition. You can also choose your own exposure settings manually or save your preferred exposures into the memory. FOCUS x-ray provides the choice of 60 or 70kV, pediatric or adult exposures, film or digital modes and exposure time selections between 0.02 and 3.2 seconds.

Efficient workflow
The possibility of a dual control panel configuration offers flexibility and smooth operation from two different rooms. FOCUS x-ray incorporates a reliable heat integrator that protects the tube head. It provides years of dependable service and allows a rapid exposure sequence to be made without the need for cooling delays. A wide selection of beam limiting cones provides choice in the control of desired x-ray field coverage.

Powerful generator
The FOCUS x-ray's 200 kHz DC generator provides efficient radiation.

Compact design with three arm lengths
FOCUS x-ray is available with three choices of arm length: 69” (176 cm), 75” (191 cm) and 85” (216 cm). The innovative integration of electronics inside the horizontal arm makes FOCUS x-ray easy and fast to install and service.

Selection of cones
A comprehensive range of FOCUS cones is available.
FocusLink configuration
The FocusLink system consists of FOCUS x-ray, SIGMA™ direct digital sensors and CliniView™ dental diagnostic imaging software, integrating them into one complete dental intraoral system.

FocusLink™ makes the difference
The FocusLink system brings a new level of precision and intelligence to intraoral x-ray imaging with an advanced Automatic Exposure Control (AEC) feature. FocusLink ensures that you produce optimally exposed images.
Automatic exposure control (AEC) for optimizing image quality

For the first time, this user- and patient-friendly AEC feature is available for intraoral imaging. You only need to push the exposure button and the AEC system computes and sets the optimized exposure time. Exposure times are automatically minimized and unnecessary dose is avoided. Exposure parameters (kV, mA and exposure time) are automatically recorded with each digital image through CliniView software.

Smart physical integration

With SIGMA SmartBox™, a choice of one or two SIGMA sensors can be neatly attached to the FOCUS arm. Sensors are always conveniently within reach, with no cables on the floor in danger of damage. Switch-over between two sizes of sensors can be done without removing the connectors. A sensor can also be easily disconnected and transported to another room if desired.
The compact design, the remote control possibility and the three different arm lengths of the FOCUS x-ray, permit flexibility and mounting in almost any location.

The ideal intraoral x-ray for every dental practice
FOCUS intraoral x-ray
Technical specifications and dimensions

**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

**Filtration**
2 mm Al

**Line voltage**
115 / 230 VAC +/- 10 %, 50/60 Hz

**Fuse rating**
5 A / 230 VAC
8 A / 115 VAC

**Power consumption**
1240 VA/230 VAC
1040 VA/115 VAC

**Exposure time range**
0.02 - 3.2 seconds

**Beam limiting cone dimensions**
Round Ø 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)

**Expandability**
AEC (Automatic Exposure Control) via FocusLink with SIGMA sensor system
Remote exposure button
Two remote controls
Door switch readiness
External exposure
Lamp readiness

**Weight**
Total 66 lbs (30 kg)

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**Installation**
Vertical wall mount for single stud, or horizontal wall mount for 16” (406 mm) center stud installation

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**Single stud**
Standard wall mount for single stud.

**16” center stud**
Standard wall mount for 16” center studs.
* Denotes dimensions based on two stud mount.

** Denotes dimensions based on two stud mount oriented to the left.

Note: All dimensions are based on single stud mount and short cone.
Build your total dental imaging system with GE Healthcare

GE Healthcare offers advanced and comprehensive tools for dental and maxillofacial x-ray imaging. Our research and development work combined with vast experience and know-how creates a strong foundation for supplying advanced imaging products, like the legendary Orthopantomograph®.

As a technology leader, GE utilizes the latest innovations in image acquisition and information technology into its comprehensive intraoral and extraoral x-ray products. The transition to digital has given us an opportunity to widen our product range. Today, we cover a large field of dental imaging needs with our digital intraoral sensors, film and digital panoramic and cephalometric imaging units, intraoral x-ray unit, and dental diagnostic imaging software.

GE Healthcare

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