

# Examion

**New**

## EXAMION MAXIVET FPS

# Digital Radiography

digital radiographic x-ray system  
with flat-panel detector



V191420

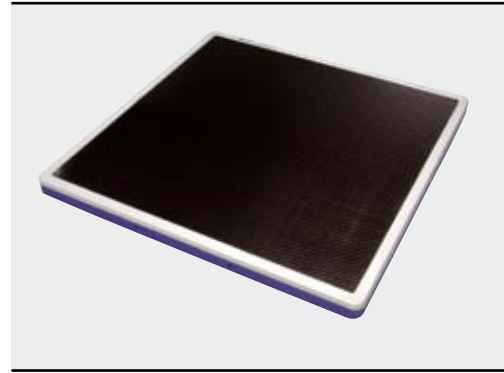
- ✓ **Direct Conversion Technology**  
direct conversion of x-ray into image information
- ✓ images within a few seconds
- ✓ excellent image quality and grey value dynamics
- ✓ integrated control of x-ray machine and detector

## SPECIFICATIONS

### FLAT-PANEL DETECTOR

### EXAMION DR1417SE DETECTOR

<b>TECHNOLOGY:</b> TFT – Amorphous Selenium
<b>RESOLUTION:</b> 2560 x 2048 Pixels
<b>ACTIVE DETECTOR AREA:</b> 344 x 429 mm / ca. 14 x 17"
<b>PIXEL SIZE:</b> 168 µm
<b>A/D CONVERSION:</b> 14 bits
<b>DYNAMIC RANGE:</b> 16384 : 1
<b>IMAGE ACQUISITION TIME:</b> < 3.6 sec
<b>VOLTAGE:</b> 100 V, 120 V, 230/240V (50/60 Hz)
<b>POWER CONSUMPTION:</b> 12 V, 1.5 A max.
<b>DIMENSIONS DETECTOR:</b> 482 x 403 x 35 mm
<b>WEIGHT DETECTOR:</b> 5.5 kg



with integrated flat-panel detector  
344 x 429 mm

### WORKSTATION

### EXAMION CS2

PC with 19" touchscreen monitor

### HIGH FREQUENCY X-RAY DEVICE

<b>OUTPUT POWER:</b> 30 kW
<b>VOLTAGE RANGE:</b> 40 - 125 kV
<b>CURRENT RANGE:</b> 1.0 - 100 mAs
<b>SWITCHING TIME:</b> 0.001 - 1.25 s
<b>MAINS CONNECTION:</b> 230 V - 50 Hz 1-phase (socket-capable)
<b>CAPACITOR TECHNOLOGY:</b> 3.5 kW input → 30 kW output
<b>FOOT RELEASE SWITCH:</b> 2-stage with safety function
<b>TABLE HEIGHT:</b> 850 mm
<b>TABLE TOP:</b> 144 x 66 cm, offset ± 38 cm
<b>TUBE:</b> Electrically height-adjustable



The **EXAMION MAXIVET FPS** system capture console simplifies user operation with its intuitive touchscreen user interface.

### TUBE

Toshiba x-ray tube with rotary anode and dual focus 0.6/1.2 mm

### COLLIMATOR

Manual rotation, halogen lamp, timer

### ACCESSORIES

optional: high resolution carbon grid: 100 L/cm, 35 x 43 cm

