

HOLOGIC INSIGHT FD



ABOUT

The Hologic Fluoroscanner InSight FD is a mini c arm with flat-screen detection. The InSight FD offers high-resolution images and low dosage rates. The Hologic InSight FD was designed to be a compact, flexible system with a 120-degree range of motion. This makes it easy to move around and not disturb the patient. The Hologic mini C arm features a 24-inch LCD touchscreen monitor and a system that can hold up to 8,000 images.

FEATURES

Ergonomic flat detector design with ease of positioning for patient/surgeon access

The greatest range of motion in a new innovative mini C-arm design

Forward tube source design now offers greater C-arm depth

Flat detector technology with 75-micron array and 2k x 1.5k resolution

New image processing algorithms deliver superb image quality

Distortion-free images for extremity requirements

Large anatomy penetration without the need for an extra dose

Automatic imaging with "Dose Optimization" for all extremities



SPECIFICATIONS

IMAGE DETECTOR DEVICE

CMOS Flat Detector

Rotating Detector (180°)

Automatic Collimation Rotation

Full Field: 5.7" x 4.5" (14.5 x 11.5 cm)

Small Field (mag.): 4.4" sq. (11 x 11 cm)

C-ARM

FD C-Arm Depth: 20" (50.6 cm)

Free Space (SSD): 14" (36 cm)

Orbital Rotation: 120°

Horizontal Travel: 23°

Vertical Travel: 23" (58 cm)

Pivot Rotation: 380°

SPECIFICATIONS



DISPLAY

Widescreen Multi-touch color monitor:

Hi-Bright, PCAP touchscreen

Hi-Definition 1920 x 1200

Digital DICOM compliant

Size: 24 in (61 cm)

Swing Mounting and height adjustment: Adjustable with 350° swivel

Viewing angle: 178°

Primary image:

Standard view: 10 in. x 8 in. (25 cm x 21 cm)

MegaView Image: 12 in. x 10 in. (31 cm x 25 cm).

X-RAY

X-Ray Source: Grounded tungsten anode x-ray tube
7.5 W high frequency

Focal Spot size: 0.045 mm

Tube kVp Range: 40 to 75 kVp

Tube Current Range: 0.020 to 0.100 mA

Maximum Output: 0.1 mA @75 kVp

Laser alignment Light: 600 seconds timed on or full-time on IEC class 1C.

POWER REQUIREMENTS

Input Line Voltage: 100, 120, 220, 240 VAC
selectable

AC Input Frequency: 50/60 Hz

Power: 750 watts (max)

Power Failure Protection: Image Software Protected

BETTER WORKFLOW AND IMPROVED PRODUCTIVITY

Adjustment-free imaging with automatic motion and metal detection

User-friendly sterile field controls to meet surgeon needs

Touch-screen interface with easy-to-understand controls; swivel & tilt capable

Customizable imaging parameters for surgeon-specific requirements

PERIPHERALS AND OPTIONS TO SUPPORT EACH CUSTOMER

Wireless multi-functional foot pedal

Wireless or wired network connectivity

DICOM 3.0 compliant (send, store, print & work list)

Multiple printer options that neatly fit into the base cabinet

USB and DVD export in standard industry formats