



Two-Tray DICOM Imager

Diagnostic Quality Images
Easy Connectivity
Fast Throughput



4 SHEET SIZES
320 PIXELS PER INCH
140 HR. 8X10 SHEETS

Easy Connectivity for Maximum Flexibility

Crystal Imager is a DICOM imager, that makes network connectivity easy.

Two Media Sizes On-line

Despite its compact size, **Crystal Imager** features two media sizes on-line, with four media sizes available. The imager thus offers enhanced flexibility and convenience, as it is not necessary to constantly load a new media format for different image sizes. With its ultra-short access time for the first film and its throughput of 75 sheets per hour (14 x 17 inch), **Crystal Imager** offers versatility and improved workflow for almost all radiology applications.

Next-to-Application Imaging

The unit's small footprint means that convenient, next-to-application installation is possible in even the most space-restricted environments. **Crystal Imager's** freedom of placement, combined with its low investment and running costs, makes it the perfect match for any modality. A total, one-stop imaging solution through its intelligent matching of Direct Digital Imaging technology, media and imager, **Crystal Imager** is designed to stand at the heart of iCRco's integrated solutions. Combined with state-of-the-art **Crystal Imager** media, diagnostic quality greyscale hardcopies of the highest standard are delivered time after time. Because it is heat-sensitive rather than light-sensitive, **Crystal Imager** brings the added convenience of daylight loading.

Excellent reliability,
minimum maintenance

Direct Digital
Imaging technology

Convenient imaging with
two media sizes on-line

iCRco.com



GENERAL

Dimensions (W x D x H)

CENTIMETERS: 72.8 x 71.5 x 53.6 (HEIGHT with OUTPUT TRAY = 67.6 cm)

INCHES: 28.7 x 28.1 x 21.1 (HEIGHT with OUTPUT TRAY = 26.6 inches)

Weight (Without Film)

90 kg (198 lbs)

Power Requirements

Auto ranging 100 - 240 V: 50/60 Hz

Power Consumption

Printing: 250 Watt Peak: 530 Watt Standby: 70 Watt

Capacity of Supply Tray

100 sheets per supply tray

Operating Conditions

Temperature: 15 - 30 °C (59 - 86 °F) Humidity: 20 - 75% RH, non condensing

Storage/Shipping Conditions

Temperature: -25 to +55 °C (-13 to 131 °F) -40 to +70 °C for transport (-40 to 158 °F)

Humidity: 10 - 95% RH, non-condensing.

Heat Dissipation

Standby power: 70 Watt Average printing power: 250 Watt Peak power: 530 Watt

Safety

IEC 60601-1 • UL 60601-1 • CSA 22.2, Nr. 601.1 - M90 • VDE 0750 • Safety labels: UL, cUL, TÜV-Mark

MEDIA

Types

Crystal IP Film CF-B

Sizes

8 x 10 inch, 10 x 12 inch, 11 x 14 inch, and 14 x 17 inch

Two on-line sizes

PERFORMANCE

Throughput

8 x 10 inch: 140 sheets/hour (26 sec. per sheet)

14 x 17 inch: 75 sheets/hour (48 sec. per sheet)

11 x 14 inch: 86 sheets/hour (42 sec. per sheet)

Access time first sheet: 77 sec. (14 x 17 inch -12-bits)

Diagnostic Area

8 x 10 inch: 2376 x 3070 pixels

11 x 14 inch: 3348 x 4358 pixels

10 x 12 inch: 3070 x 3653 pixels

14 x 17 inch: 4358 x 5232 pixels

Printing Resolution

Geometrical: 320 ppi

Contrast: 12 bits contrast resolution

Outer Dimensions

