

AGFA  Health Care

DRYSTAR[®] AXYS[™] Imager

Mammography

quality images



● **Small footprint, enormous possibilities**

It can be used in both centralized workflows or with dedicated applications. Fitting a full range of applications, it also features daylight handling for the two on-line media trays, with five media sizes and three different media types available. The imager offers enhanced flexibility and convenience. The ability to use multiple media sizes makes the Imager suitable for all applications. In addition, its ultra-short access time for the first five prints, as well as its efficient throughput, provides increased productivity.

● **More reliability, for more availability**

DRYSTAR AXYS features Direct Digital Imaging (DDI). This solid-state technology avoids the use of complex optical components, for an Imager that is more reliable and durable by design.

● **High-quality mammography images**

With DRYSTAR AXYS, the mammography departments can enjoy all the convenience of a table-top, digital Imager. Its high resolution of 508 dpi perfectly matches the 50 µm modality resolution, without interpolations. The result is superior image quality required for diagnostic of mammography images.

● **Centralized & dedicated environments**

The right solution for both smaller facilities with limited space & lower patient volume, and larger facilities with many departments. As a centralized Imager, it supports a wide range of applications, including CT, MRI, DSA and US, as well as CR/DR applications for GenRad, Mammography, Orthopedics, Dentistry, etc. Equally, its compact design makes it the ideal dedicated departmental imager such as mammography departments. Optional Smart Cart is available.

● **Easy connectivity for maximum flexibility**

A DICOM - native Imager, which makes network connectivity easy. For point-to-point connection with non-DICOM modalities, DRYSTAR AXYS can be used with Agfa's LINX[™] Paxport.

● **A#Sharp: Enhancing imaging quality**

As part of our continual drive to provide you with excellent image quality, award winning Direct Digital Imaging (DDI) technology has been enhanced to include A#Sharp technology. This technology intensifies imaging capability, enabling DDI to provide sharper image quality across all applications.

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Technical specifications

General

Dimensions (W x D x H)

- 72.8 x 71.5 x 53.6 cm. (28.6 x 28.2 x 21.1 in.)
- Total height with output tray 67.6 cm. (26.6 in.)
- Weight (without film) 90 kg. (198 lbs.)

Power requirements

- Auto ranging 100 - 240 V: 50/60 Hz

Power consumption

- Printing: 250 Watts
- Peak: 530 Watts
- Standby: 70 Watts

Capacity of supply tray

- 100 sheets per supply tray

Operating conditions

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

Storage/Shipping conditions

- Temperature: -25 to 55 °C (-13 to 131 °F)
- Transport: -40 to 70 °C (-40 to 158 °F)
- Humidity: 10 to 95% RH, non-condensing

Heat dissipation

- Standby power: 70 Watts
- Average printing power: 250 Watts
- Peak power: 530 Watts

Safety/Certifications

- IEC 60601-1
- UL 60601-1
- CSA 22.2, Nr. 601.1 - M90
- VDE 0750
- CCC GB4943 (China)
- Safety labels UL, cUL, TÜV-Mark, CCC-Mark

Performance

Throughput

- 14 x 17 in. - 75 sheets/hour (48 sec. per sheet)
- Access time first sheet: 65 sec. (14 x 17 in. 12-bits)
- 8 x 10 in.: 130 sheets/hour for mammography
- Access time first sheet: 40 sec. (8 x 10 in. MAMMO)

Diagnostic area

General Radiography

- 8 x 10 in. - 3,852 x 4,880 pixels
- 14 x 17 in. - 6,922 x 8,368 pixels

Mammography

- 8 x 10 in. - 3,828 x 4,958 pixels
- 10 x 12 in. - 4,892 x 5,810 pixels

Printing resolution

- Geometrical: 508 ppi
- Contrast: 14 bits contrast resolution

Media

Types

- DRYSTAR DT2 B: blue base
- DRYSTAR DT2 C: clear base
- DRYSTAR DT2 MAMMO

Sizes

- DT2 B and DT2 C: 8 x 10 in., 10 x 12 in., 11 x 14 in., 14 x 14 in., 14 x 17 in.
- DT 2 MAMMO: 8 x 10 in., 10 x 12 in., 11 x 14 in.
- Two on-line sizes, any type or size

Note:

Specifications are subject to change without notice.
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