



AGFA
RADIOLOGY
SOLUTIONS

DRYSTAR 5302

Imager

DRYSTAR 5302 is a dual media size, direct digital imager.

- > Excellent reliability, minimum maintenance
- > Direct Digital Imaging technology
- > Convenient imaging with two media sizes on-line
- > Easy daylight loading

Excellent reliability, minimum maintenance

DRYSTAR 5302 offers all the benefits of Direct Digital Imaging. This solid-state technology avoids the use of complex optical components, making the imager reliable and durable by design. Moreover, the DRYSTAR 5302 provides all the advantages of dry technology: no wet processing, no darkroom, and no film processing chemicals.

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. DRYSTAR 5302's freedom of placement, combined with its low investment and running costs, make it the perfect match for many modalities.

A total, one-stop imaging solution

Through its intelligent matching of Direct Digital Imaging technology, media and imager, DRYSTAR 5302 is designed to stand at the heart of Agfa's integrated solutions. Combined with leading-edge Agfa dry film, diagnostic quality greyscale hardcopies of a higher standard are delivered time after time. Because it is heat-sensitive rather than light-sensitive, Agfa dry film brings the added convenience of daylight loading.

Easy connectivity for optimal flexibility

DRYSTAR 5302 is a DICOM-native imager, which makes network connectivity easy.

Two media sizes on-line

Despite its compact size, DRYSTAR 5302 features 2 media sizes on-line, with 5 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), DRYSTAR 5302 offers versatility and improved workflow for almost all radiology applications.

Enhancing imaging quality

As part of our continual drive to provide you with perfect image quality, our 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.



Technical Specifications

General

Dimensions & weight

Dimensions (W x D x H): 72,8 x 71,5 x 53,6 cm
(H = 67,6 cm with output tray); 28,7 x 28,1 x 21,1"
(H = 26,6" with output tray)
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

Heat dissipation

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

Environmental requirements

Operation

Temperature: +15 ~ +30° C (59 to 86° F)
Humidity: 20 ~ 75% Rh (non condensing)

Storage and transportation

Temperature: -25 ~ +55° C (-13 to 131° F),
for transport: -40 ~ +70° C (-40 to 158° F)
Humidity: 10 ~ 95% Rh (non condensing)

Performance

Throughput:

- 14 x 17": 75 sheets/hour (48 sec/sheet)
 - 11 x 14": 86 sheets/hour (42 sec/sheet)
 - 8 x 10": 130 sheets/hour (28 sec/sheet)
- Access time first sheet:** 77 sec. (14 x 17" - 14-bits)

Diagnostic area:

- 8 x 10": 2376 x 3070 pixels
- 10 x 12": 3070 x 3653 pixels
- 11 x 14": 3348 x 4358 pixels
- 14 x 17": 4358 x 5232 pixels

Printing resolution

Geometrical: 320 dpi
Pixel depth architecture: 14 bit

Media

Types:

- Agfa dry film: blue base
- Agfa dry film: clear base

Sizes:

- 8 x 10", 10 x 12", 11 x 14", 14 x 14" and 14 x 17"
- 2 on-line sizes

Safety

Standard: IEC 60601-1

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