

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, DRYSTAR 5302 is ecological and user-friendly. No more wet processing, no darkroom, no complicated adjustments or cleaning procedures. Chemicals, waste handling and disposal costs are things of the past.



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Easy connectivity for maximum flexibility

DRYSTAR 5302 is a DICOM-native imager, which makes network connectivity easy. For point-to-point connection with non-DICOM modalities, DRYSTAR 5302 can be used with Agfa HealthCare's LINX Paxport.

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.

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 HealthCare's integrated solutions. Combined with state-of-the-art DRYSTAR DT2 media, diagnostic quality greyscale hardcopies of the highest standard are delivered time after time. Because it is heat-sensitive rather than light-sensitive, DT2 brings the added convenience of daylight loading.

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 (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 inch
 (H = 26,6 inch 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

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

PERFORMANCE

Throughput

- 8 x 10 inch: 130 sheets/hour (28 sec. per sheet)
- 11 x 14 inch: 86 sheets/hour (42 sec. per sheet)
- 14 x 17 inch: 75 sheets/hour (48 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
- 10 x 12 inch: 3070 x 3653 pixels
- 11 x 14 inch: 3348 x 4358 pixels
- 14 x 17 inch: 4358 x 5232 pixels

Printing resolution

- Geometrical: 320 ppi
- Contrast: 14 bit printing

MEDIA

Types

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

Sizes

- 8 x 10 inch, 10 x 12 inch, 11 x 14 inch, 14 x 14 inch and 14 x 17 inch
- Two on-line sizes