

DRYSTAR 5300

IMAGER



Tabletop, next-to-application imager for decentralized workflow

DRYSTAR 5300 IS A LARGE MEDIA SIZE, DIRECT DIGITAL IMAGER.

- Direct Digital Imaging technology
- A decentralized hardcopy solution
- Easy daylight loading

Next-to-application imaging for decentralized applications

The unit's small footprint means that convenient next-to-application installation is possible in even the most space-restricted environments. The imager of choice for decentralized applications, DRYSTAR 5300's freedom of placement makes it the perfect match for many modalities. With the low investment and running cost of this imager, equipping every department with its own imaging solution becomes a reality.

Excellent reliability, minimum maintenance

DRYSTAR 5300 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 5300 provides all the advantages of dry technology: no wet processing, no darkroom, and no film processing chemicals.

Easy connectivity for optimal flexibility

DRYSTAR 5300 is a DICOM-native imager, which makes network connectivity easy. For point-to-point connection with non-DICOM modalities, DRYSTAR 5300 can be used with Agfa HealthCare's LINX Paxport.



A total, one-stop imaging solution

Through its intelligent matching of Direct Digital Imaging technology, media and imager, DRYSTAR 5300 is designed to stand at the heart of Agfa HealthCare's integrated solutions. Combined with leading-edge DRYSTAR DT2 media, diagnostic quality grayscale hardcopies of a higher standard are delivered time after time. Because it is heat-sensitive rather than light-sensitive, DT2 brings the added convenience of daylight loading. For the

DRYSTAR 5300, DRYSTAR DT2 is available in 2 media sizes: 11 x 14" and 14 x 17".

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

- 70 x 80 x 35 cm (W x D x H)
(27.5 x 31.5 x 13.8 inch)

Weight (without film)

- 55 kg/121 lb

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

Operating conditions

- Temperature: 15 -30 °C (59 - 86 °F)
- Humidity: 10 - 80% RH, non-condensing

Storage/Shipping conditions

- Temperature: -25 to +55 °C (-11 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 601-1
- UL 2601
- CSA 222, Nr. 601.1 - M90
- VDE 0750
- DOH
- TÜV

PERFORMANCE

Throughput

- 11 x 14 inch: 100 sheets/hour
- 14 x 17 inch: 70 sheets/hour
- Access time first sheet approximately 77 sec.
(14 x 17" - 12-bits)

Diagnostic area

- 14 x 17 inch: 4256 x 5174 pixels
- 11 x 14 inch: 3300 x 4256 pixels

Printing resolution

- Geometrical: 320 ppi
- Contrast: 12 bits contrast resolution

MEDIA

Types

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

Sizes

- Sizes: 11 x 14 inch and 14 x 17 inch
- 1 size on-line

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