



DRYSTAR™ 5300

Imager

Tabletop, next-to-application imager for decentralized workflow

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

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

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.



DRYSTAR™ 5300

Imager



Durable and reliable by design



Convenient next-to-application imaging



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, DRYSTAR 5300 is ecological and user-friendly. No more wet processing, no darkroom, no complicated adjustments or cleaning procedures. Environmentally harmful chemicals, waste handling and disposal costs are things of the past.

Easy connectivity for maximum 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'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's integrated solutions. Combined with state-of-the-art DRYSTAR DT2 media, diagnostic quality grayscale 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. 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)

Addressable print area

- 14 x 17 inch: 4352 x 5298 pixels
- 11 x 14 inch: 3418 x 4352 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

 Agfa-Gevaert has been approved by Lloyd's Register Quality Assurance limited to the following Quality Management System Standards: ISO 9001:1994; EN ISO 9001:1994, and ANSI/ASQC Q9001-1994.

The Quality Management System is applicable to the development, production and distribution of Agfa Medical Films.

Agfa-Gevaert has been awarded the Approval of Conformity certificate by Lloyd's Register Quality Assurance.

It certifies that the Quality Management System for our X-Ray films conforms to the requirements of Annex V of the EEC Directive 93/42 and Medical Devices Regulation 1994:3017.

Agfa HealthCare has been approved by Lloyd's Register Quality Assurance limited to the following Quality Management System Standards: ISO 9001:1994; EN ISO 9001:1994, and ANSI/ASQC Q9001-1994.

The Quality Management System is applicable to: Selling, Servicing, Distribution, and Design of Marketing of Agfa's Product Assortment of Equipment and Sensitive Materials Used in Medical Diagnostic Imaging, Non-Destructive Testing, Microfilm and Motion Picture Applications.

 Agfa-Gevaert has been awarded the ISO 9001 certificate by TÜV Zertifizierungsgemeinschaft e.V.

This is applicable to Agfa's Quality Management System for design, production and servicing of Agfa Medical Equipment.

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