

> **DRYSTAR™ 5300 IMAGER**

Table-top, next-to-application imager for decentralized workflow.

> **DRYSTAR 5300 is a large film size, Direct Thermal 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. Given 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 Thermal 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. The use of 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™.

Direct Thermal Printing-technology

A decentralized hardcopy solution

Easy daylight loading

A total, one-stop imaging solution

Through its intelligent matching of Direct Thermal technology, film and imager, DRYSTAR 5300 is designed to stand at the heart of Agfa's integrated solutions. Combined with state-of-the-art DRYSTAR DT 2 film, diagnostic quality grayscale prints of the highest standard are delivered time after time. And because it is heat-sensitive, DT 2 brings the added convenience of daylight loading. For the DRYSTAR 5300, DRYSTAR DT 2 is available in 2 film sizes: 11 x 14" and 14 x 17".

Technical specifications

General

Dimensions

W x D x H: 70 x 80 x 35 cm (27.5 x 31.5 x 13.8 in)

Weight (empty)

55 kg / 121 lb

Power requirements

Auto ranging 100 - 240 V:50/60 Hz

Power consumption

Printing: 250 Watt
Standby: 70 Watt

Operating conditions

Temperature: 10 - 30° C
Humidity: 20- 80% RH, non-condensing

Storage / Shipping conditions

Temperature: -25 °C to +55 °C (-11 to 131 °F)
(+70 °C/158 °F for transport)
Humidity: 10 - 95% RH, non-condensing.

Heat dissipation

Standby power: 100W / 360kJ/h
Average printing power: 300W / 1080kJ/h
Peak power: 530W / 1908kJ/h

Safety

IEC 601-1
UL 2601
CSA 222, Nr. 601.1 - M90
VDE 0750, DOH, TÜV

Performance

Throughput

11 x 14": 80 sheets/hour;
14 x 17": 60 sheets/hour;
Access time first sheet approximately 90 seconds

Addressable print area

14 x 17": 4352 x 5298 pixels
11 x 14": 3418 x 4352 pixels

Printing resolution

Geometrical: 320 ppi
Contrast: 12 bits (4096)

Capacity of supply tray

100 sheets

Technical Film Data

Types

1. DRYSTAR DT 2 B: blue base
2. DRYSTAR DT 2 C: clear base

Film sizes

film sizes: 11 x 14" and 14 x 17"
1 film size on-line

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