

# DRYSTAR 5300

## IMAGER



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



Tabletop, next-to-application imager for decentralized workflow

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.

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 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 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)

#### 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

Agfa and the Agfa rhombus are trademarks of Agfa-Gevaert N.V., Belgium, or its affiliates. DRYSTAR and Paxport are trademarks of Agfa HealthCare NV, Belgium or its affiliates. All other trademarks are held by their respective owners and are used in an editorial fashion with no intention of infringement. The data in this publication are for illustration purposes only and do not necessarily represent standards or specifications, which must be met by Agfa HealthCare. All information contained herein is intended for guidance purposes only, and characteristics of the products and services described in this publication can be changed at any time without notice. Products and services may not be available for your local area. Please contact your local sales representative at [agfa.com](http://agfa.com) for availability information. Agfa HealthCare diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.

© Copyright 2009 Agfa HealthCare NV

All rights reserved

Printed in Belgium

Published by Agfa HealthCare NV

B-2640 Mortsel-Belgium

NF6HD GB 00200907