

# DRYSTAR 5301

## Imager

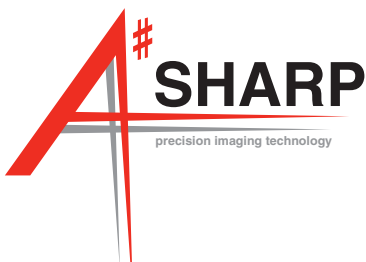


*DRYSTAR 5301 IS A SINGLE TRAY,  
DIRECT DIGITAL IMAGER.*

- Excellent reliability, minimum maintenance
- Direct Digital Imaging technology
- Convenient imaging with one media size on-line
- Easy daylight loading

Excellent reliability, minimum maintenance

DRYSTAR 5301 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 5301 provides all the advantages of dry technology: no wet processing, no darkroom, and no film processing chemicals.



# DRYSTAR 5301

## Imager



### Easy connectivity for optimal flexibility

DRYPSTAR 5301 is a DICOM-native imager, which makes network connectivity easy.

### One media size on-line

Despite its compact size, DRYPSTAR 5301 features one media size on-line, with 5 media sizes available. With its ultra-short access time for the first film and its throughput of 75 sheets per hour (14 x 17 inch), DRYPSTAR 5301 offers fast access to your films for diagnosis.

### Next-to-application imaging

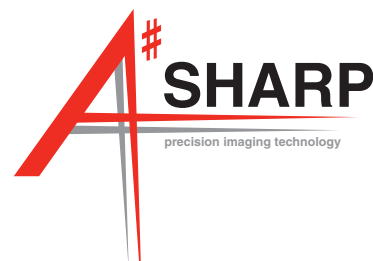
The unit's small footprint means that convenient next-to-application installation is possible in even the most space-restricted environments. DRYPSTAR 5301's freedom of placement, combined with its low investment and running costs, make it the perfect match for many modalities.

### A total, one-stop imaging solution

Through its intelligent matching of Direct Digital Imaging technology, media and imager, DRYPSTAR 5301 is designed to stand at the heart of Agfa HealthCare's integrated solutions. Combined with leading-edge DRYPSTAR DT2 media, diagnostic quality greyscale 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.

### 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)

77 kg (170 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
- One size on-line

## Why Agfa HealthCare?

Agfa HealthCare, a member of the Agfa-Gevaert Group, is a leading global provider of diagnostic imaging and healthcare IT solutions. The company has nearly a century of healthcare experience and has been a pioneer on the healthcare IT market since the early 1990's. Today Agfa HealthCare designs, develops and delivers state-of-the-art systems for capturing, managing and processing diagnostic images and clinical/administrative information for hospitals and healthcare facilities, as well as contrast media solutions to enable effective medical imaging results.

[www.agfahealthcare.com](http://www.agfahealthcare.com)

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