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.

Easy connectivity for optimal flexibility

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

SHARP
precision imaging technology

AGFA

A#SHARP
precision imaging technology

One media size on-line

Despite its compact size, DRYSTAR 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), DRYSTAR 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. DRYSTAR 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, DRYSTAR 5301 is designed to stand at the heart of Agfa's integrated solutions. Combined with leading-edge Agfa dry film, diagnostic quality greyscale hardcopies of a higher standard are delivered time after time. Because it is heat-sensitive rather than light-sensitive, Agfa dry film 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 & weight

- 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″
  (H = 26,6″ 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

Heat dissipation

- Standby power: 70 Watt
- Average printing power: 250 Watt
- Peak power: 530 Watt

ENVIRONMENTAL REQUIREMENTS

Operation

- Temperature: +15 ~ +30° C (59 - 86° F)
- Humidity: 20 ~ 75% Rh (non condensing)

Storage and transportation

- Temperature: -25 ~ +55° C (-13 to 131° F),
  for transport: -40 ~ +70° C (-40 to 158° F)
- Humidity: 10 ~ 95% Rh (non condensing)

PERFORMANCE

- Throughput:
  - 14 x 17″: 75 sheets/hour (28 sec/sheet)
  - 11 x 14″: 86 sheets/hour (42 sec/sheet)
  - 8 x 10″: 130 sheets/hour (48 sec/sheet)
- Access time first sheet:
  77 sec. (14 x 17″ - 14-bits)
- Diagnostic area:
  - 8 x 10″: 2376 x 3070 pixels
  - 10 x 12″: 3070 x 3653 pixels
  - 11 x 14″: 3348 x 4358 pixels
  - 14 x 17″: 4358 x 5232 pixels

Printing resolution

- Geometrical: 320 dpi
- Pixel depth architecture: 14 bit

MEDIA

- Types:
  - Agfa dry film: blue base
  - Agfa dry film: clear base
- Sizes:
  - 8 x 10″, 10 x 12″, 11 x 14″, 14 x 14 ″ and 14 x 17″
  - 1 size on-line

SAFETY

Standard

- IEC 60601-1

For more information on Agfa, please visit our website on www.agfa.com

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