

## Hardcopy systems

# DRYSTAR DT5 B

DRYSTAR DT5 is Agfa HealthCare's second-generation direct digital greyscale medium. DRYSTAR DT5 offers high contrast, high density and higher throughput for DRYSTAR 5503, DRYSTAR 5500, DRYSTAR 5300, DRYSTAR 5302 and DRYSTAR AXYS imagers, producing premier quality hardcopies.

- Second-generation, higher-throughput, dry processing greyscale medium
- Specially designed for DRYSTAR 5503, DRYSTAR 5500, DRYSTAR 5300, DRYSTAR 5302 and DRYSTAR AXYS imagers
- No wet processing, no darkroom, no chemicals
- Clear and sharp images
- High image quality
- Excellent image stability
- Secure archiving up to 20 years



### Premier quality and throughput, built on Agfa HealthCare experience

Agfa HealthCare has put several years of experience with Direct Digital printing into designing the DRYSTAR 5x0x and DRYSTAR AXYS imagers, in order to produce the very highest diagnostic quality greyscale hardcopies. To support these top-of-the-line imagers, a special medium, DRYSTAR DT5, was developed. It is capable of coping with the higher throughput of the advanced imagers.

Agfa HealthCare's state-of-the-art Direct Digital dry imaging technology produces greyscale hardcopies with high Dmax and contrast. It gives the same clear, high-quality results as wet laser film, but offers all the advantages of dry technology: no wet processing, no darkroom and no chemicals. Premier quality images are generated more quickly and more conveniently.



## DRYSTAR DT5

DRYSTAR 5503  
DRYSTAR 5300



### Ecological technology in an easy-to-use system

The Direct Digital dry imaging technology ensures easy and convenient use. The heat-sensitive characteristics of DRYSTAR DT5 make daylight loading effortless, and as simple as inserting a CD into your PC. With no wet processing or darkroom required, there is no need for cleaning products, time-consuming adjustments or chemical disposal. Image processing is more efficient and cost-effective. The DRYSTAR DT5 packaging is fully recyclable and, combined with the elimination of processing chemicals, provides a more environmentally friendly solution.

### Consistently clear and sharp images

DRYSTAR DT5 is built on a 168µm-thick PET base, coated with silver salts and covered with a protective top layer for resistance to scratches and moisture. The PET base has rounded corners, to allow the medium to be handled in the same way as regular X-ray film. The silver-based imaging layer is heat-sensitive rather than light-sensitive, guaranteeing low fog and high contrast, combined with excellent image stability.



DRYSTAR 5302  
DRYSTAR AXYS

## Technical Specifications

### USAGE

- For medical printing of greyscale images on 168µm PET
- Choice of blue and clear base
- Maximum optical density:  $\geq 3.1$
- Fully recyclable packaging
- Daylight loading

### DEDICATED IMAGERS

- DRYSTAR 5500
- DRYSTAR 5503
- DRYSTAR 5300
- DRYSTAR 5302
- DRYSTAR AXYS

### AVAILABLE SIZES

- **DRYSTAR 550X:**
  - 20 x 25 cm (8 x 10 inch),
  - 25 x 30 cm (10 x 12 inch),
  - 28 x 35 cm (11 x 14 inch),
  - 35 x 35 cm (14 x 14 inch),
  - 35 x 43 cm (14 x 17 inch)
- **DRYSTAR 5300:**
  - 28 x 35 cm (11 x 14 inch),
  - 35 x 43 cm (14 x 17 inch)
- **DRYSTAR 5302:**
  - 20 x 25 cm (8 x 10 inch),
  - 25 x 30 cm (10 x 12 inch),
  - 28 x 35 cm (11 x 14 inch),
  - 35 x 35 cm (14 x 14 inch),
  - 35 x 43 cm (14 x 17 inch)
- **DRYSTAR AXYS:**
  - 20 x 25 cm (8 x 10 inch),
  - 25 x 30 cm (10 x 12 inch),
  - 28 x 35 cm (11 x 14 inch),
  - 35 x 35 cm (14 x 14 inch),
  - 35 x 43 cm (14 x 17 inch)

### STORAGE

- 100 sheets per box
- **Shelf life:** 24 months after manufacturing date
- **Storage before use:**
  - Temperature between 4 to 25 °C
  - The recommended humidity control for DRYSTAR films is between 30 and 60%
- **Storage after printing:**
  - Archiving facility complies with ANSI IT 9.11 and IT 9.19, extended term
  - Storage minimum 20 years
  - Recommendations & Carriage to avoid image loss or increased density or discoloration:
    - avoid storage for a long period of time at  $> 35$  °C
    - avoid dry media on view boxes for a long period of time or
    - avoid exposure to excessive high temperatures and intense light, store the images in the original packaging or other appropriate protective film envelopes at max. 25 °C

## DRYSTAR DT5

### Insight. Delivered.

Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Mammography and Orthopaedics. Agfa HealthCare's enterprise-wide IT platform integrates all administrative and clinical data within a healthcare facility and is designed to match the unique needs of specific healthcare professionals. ■

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

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