

# DRYSTAR DT1 B

# DRYSTAR DT1 C



*DRYSTAR DT1 IS A DIRECT DIGITAL GREYSCALE MEDIUM.*

*DRYSTAR DT1 OFFERS HIGH CONTRAST AND HIGH DENSITY, GIVING YOU THE BEST QUALITY HARDCOPIES WITH THE DRYSTAR 2000, DRYSTAR 3000 OR DRYSTAR 4500(M) IMAGER.*

- Dry processing greyscale medium, specially designed for DRYSTAR 2000, DRYSTAR 3000 and DRYSTAR 4500(M) imagers
- No wet processing, no darkroom, no chemicals
- Clear and sharp images
- Excellent image stability
- Secure archiving up to 20 years



*DRYSTAR 2000*



### An advanced design for superior quality

DRYSTAR DT1 has been specially developed to produce the very highest diagnostic quality greyscale hardcopies with DRYSTAR dry imagers DRYSTAR 2000, 3000, 4500 and DRYSTAR 4500M (for multi-modality use). 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. Top quality images are generated cleanly and trouble-free.



*DRYSTAR 3000*

### Innovative technology for ecological and easy use

With Direct Digital dry imaging technology, easy and convenient use is guaranteed. The heat-sensitive characteristics of DRYSTAR DT1 make daylight loading effortless, and as simple as inserting a CD into your PC. DRYSTAR DT1 needs no wet processing or darkroom, eliminating the need for cleaning products, time-consuming adjustments and chemical disposal. Image processing is more efficient and cost-effective. The DRYSTAR DT1 packaging is fully recyclable and, combined with the elimination of processing chemicals, provides a more environmentally friendly solution.

### Consistently clear and sharp images

DRYSTAR DT1 has been designed to ensure clear and sharp images all the time. It has a 175 $\mu$ m thick PET base, and is coated with silver salts and a protective top layer, making it resistant to both scratches and moisture. The PET base with rounded corners allows it to be handled like regular X-ray film. The silver-based imaging layer, which is not sensitive to light but only to very high temperatures, guarantees low fog and high contrast, combined with excellent image stability.



*DRYSTAR 4500M*

# technical

## SPECIFICATIONS

### USAGE

- For medical printing of greyscale images on 175 $\mu$ m PET
- Choice of blue and clear base
- Maximum optical density:  $\geq 3.2$
- Fully recyclable packaging
- Daylight loading (light insensitive)

### AVAILABLE SIZES / DEDICATED IMAGERS

- DRYSTAR 2000: 20 x 25 cm (8 x 10 inch)
- DRYSTAR 3000: 28 x 35 cm (11 x 14 inch),  
35 x 43 cm (14 x 17 inch)
- DRYSTAR 4500: 20 x 25 cm (8 x 10 inch),  
25 x 30 cm (10 x 12 inch)
- DRYSTAR 4500M - in multi-modality use (Nuclear Medicine, Ultrasound,...)  
20 x 25 cm (8 x 10 inch),  
25 x 30 cm (10 x 12 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

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