DRYSTAR™ DT1

Direct Digital medium for high quality hardcopies

DRYSTAR DT1 IS A DIRECT DIGITAL GRAYSCALE 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.

An advanced design for superior quality
DRYSTAR DT1 has been specially developed to produce the very highest diagnostic quality grayscale hardcopies with DRYSTAR dry imagers DRYSTAR 2000, 3000, 4500 and DRYSTAR 4500M (for multi-modality use).
Agfa's state-of-the-art Direct Digital dry imaging technology produces grayscale 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.
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 175µm 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.

TECHNICAL SPECIFICATIONS

Usage
- For medical printing of grayscale images on 175µm PET
- Choice of blue and clear
- Maximum optical density: >3.0
- Fully recyclable packaging
- Daylight loading (light insensitive)

Available sizes / dedicated imagers
- DRYSTAR 2000: 8 x 10 inch
- DRYSTAR 3000: 11 x 14 inch
  14 x 17 inch
- DRYSTAR 4500: 8 x 10 inch
  10 x 12 inch
- DRYSTAR 4500M — in multi-modality use
  (Nuclear Medicine, Ultrasound,...)
  8 x 10 inch
  10 x 12 inch

Storage
- 100 sheets per box
- Shelf life: 18 months after manufacturing date
- Storage temperature: 5 to 25 °C (41 to 77 °F)
- No relative humidity control

Archiving
- Archiving facility complies with ANSI IT 9.11 and IT 9.19, extended term
- Storage minimum 20 years

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