DRYSTAR 2000

Dry imager for grayscale imaging

The Agfa Drystar 2000 System, a unique imaging system consisting of the Drystar 2000 dry imager and Drystar films, is convenient, networkable and ecological.

Agfa Drystar TM dry imaging films are designed to produce the very highest diagnostic quality hardcopies generated by the Agfa Drystar 2000 imager.

Agfa is state of the art in dry technology for diagnostic imaging. The Drystar 2000 imager for grayscale hardcopy imaging is the 8x10" imager of choice.

Drystar TM films.
Drystar TM films produce crisp, stable images with the same "look and feel" as conventional film. Made of 175 µm PET, Drystar TM films are designed for light box viewing.

The Drystar 2000 is convenient.
Dry technology offers very easy to use, convenient operation - comparable to an office copier. Its compact size means it can be placed on a table-top or in mobile applications, or wherever it is most convenient for optimum diagnosis. Printer placement is no longer constricted to room size or plumbing connections.

The Drystar 2000 is ecological.
With dry imaging - no chemicals or plumbing are needed. Agfa has taken special measures to reduce the amount of packaging material, and to assure that the packing which is used can be recycled after it has served its purpose. All plastic parts are specially marked, to assure efficient recycling of used units.

The Drystar 2000 is networkable.
Thanks to its modular concept, the Drystar 2000 can operate in both point-to-point and in a network environment. The Drystar 2000 is as standard equipped with an ethernet network connection. Thanks to "plug-in" networking, -it can be connected anywhere on the network. The point-to-point interface-video or digital- is optional. The Drystar 2000 is the newest link in the IMPAX open network imaging chain. With the Agfa IMPAX system, diagnostic information (images and reports) can be acquired, stored, retrieved, reviewed and transmitted within departments, and printed at any location on the network.

AGFA

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No waiting.
The Drystar 2000 digital imager features built-in image spooling on an internal hard disk. This means high throughput because lock-out time is virtually eliminated. You can keep right on working no matter what happens. Neither must you endure long waiting times for your hard copy prints. Black & white films require only 70 seconds for the first prints, the second prints require even less.

Choice of processing algorithms.
The Drystar 2000 offers you the same interpolation possibilities as the Scopix LR-series laser imagers including replication, bi-linear and cubic-spline. Agfa allows you to improve image quality to the absolute maximum by giving you the flexibility to adapt the image output to your specific tastes.

Choice of interfaces.
The modular design offers optimal application to your specific imaging and networking requirements. A wide variety of interfaces are available including video (LLR to UHLR) to digital, Ethernet (DICOM 3.0 / TCP/IP / Agfascript level 2) and SCSI.

Standard features :
- image spooling on internal hard disk
- multiple film layouts including: 1/1, 2/1, 4/1, 6/1 and 9/1 & super slides
- importing and exporting of TIFF images
- optical resolution: 300 dpi (identical to the LR 3300 Laser Imager)
- 12 bit gray level data used to print images
- maximum optical density > 3.0
- standard internal keypad, display and foot-switch

Film
- TM 1 B (8 x 10" on a blue 175 µm PET base):
- 100 sheets per box
- delivered in a handy, recyclable loading box

Technical Specifications

Safety standards
IEC 601.1
UL 2601-1
CSA nr 22.2 part 601.1
VDE 0750

Dimensions
46 cm W x 68 cm D x 37 cm H

Weight
approx. 75 kg

Power requirements
100 - 240 V, 50/60 Hz

Power consumption
1500 VA max.

Operating conditions
Temperature : 10 to 35 °C
Humidity : 10 to 80 %, non-condensing

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Printed in Belgium
Published by Agfa-Gevaert N.V.,
B-2640 Mortsel-Belgium
NC7SD GB 00199810

Agfa-Gevaert has been awarded the ISO 9001 Certificate by Lloyd's Register Quality Assurance for the design, development, procurement and/or production, marketing and servicing of imaging and communication systems for medical applications. A high consistency of products is thereby provided.

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