

PROTEC[®]

medical systems



PROImager E



14 x 17 in • 35 x 43 cm

PROTEC[®] Medical
Film Imager



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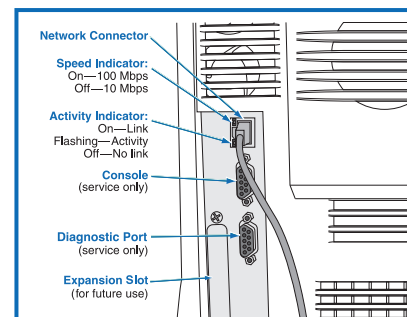
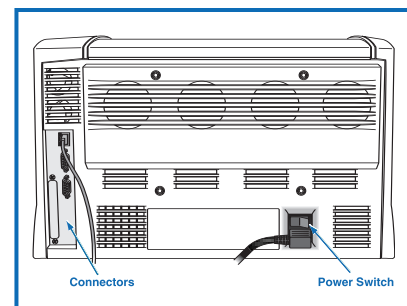
Overview

The PROTEC® PROImager E is an intelligent, desktop dry film imager that produces superior diagnostic quality 14"x17" medical films fast, conveniently and affordably. The imager is compatible with many industry standard protocols including DICOM and Windows network printing. PROImager E also features direct modality connection with 1 DICOM connection. PROImager E can be upgraded to handle up to 24 simultaneous DICOM connections. High speed image processing, networking and spooling are standard.

Specifications

| | |
|--|---|
| Print Technology: | Direct thermal (dry, daylight safe operation) |
| Spatial Resolution: | 320 DPI (12.6 pixels/mm) |
| Throughput: | Up to 72 films per hour |
| Time To Operate: | 5 minutes (ready to print from "off") |
| Grayscale Contrast Resolution: | 12 bits (4096) |
| Media Inputs: | One supply cassette, 100 sheets |
| Media Outputs: | One receive tray, 50-sheet capacity |
| Media Sizes: | 14" x 17" PROTEC® Medical Imaging Film DVB |
| Dmax: | ≥3.10 with Medical Imaging Film DVB |
| Archival: | ≥20 years with Medical Imaging Film DVB, under ANSI extended-term storage conditions |
| USA and International Medical Conformance: | Listed and/or filed in multiple countries |
| Supply Cassettes: | All media is pre-packaged in factory sealed, disposable cassettes |
| Interfaces: | Standard: 10/100 Base-T Ethernet (RJ-45), Serial Diagnostic Port, Serial Console |
| Network Protocols: | Standard: One DICOM connection, FTP, LPR Optional: DICOM (up to 24 simultaneous connections), Windows network printing |
| Image Formats: | Standard: TIFF, GIF, PCX, BMP, PGM, PNG, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa |
| Optional: | PostScript™ compatibility |
| Image Quality: | Automatic calibration using built-in densitometer |
| Image Control: | Gamma, Contrast, Polarity, Rotation, Scaling, Antialiasing |
| Sheet Control: | Density Adjustment (Dmax), Look-Up Tables (LUT), Image Warnings, Captions, Sheet Coverage, Border Color, Border Fill, Crop Anchor |
| Sheet Formatting: | 1:1 – 1:81; Variable Multi-Formatting (VMF™), Fixed Multi-Formatting (FMF™), |
| Control Panel: | Large, backlit LCD display, Status lights include Online, Alert, Fault, Active Power and Menu navigation buttons |
| Processor: | Intel |
| Memory: | 256 MB RAM |
| Hard Disk: | 20GB (18GB available for spooling) |
| Removable Disk: | 100MB ZIP™ Disk for software upgrades |
| Smart Card: | 32 KB for storing configuration data |
| Power: | Universal Input: 100–120/230V~ 50/60 Hz, 600W printing, 150W idle |
| Heat Emission: | Maximum 600W, 2,050 BTUs/hr. printing, 150W, 512 BTUs/hr. idle |
| Weight: | 66 lbs. (30 kg.) |
| Engine Dimensions: | 14.5" (37 cm) H, 20.5" (52 cm) W, 24" (61 cm) L |
| Environment: | Operating Temperature: 15–30C Storage: -22.2 – 50.6C Operating Humidity: 10–70% R.H. (non-condensing) |

Medical Imaging Film DVB 14 x 17 in • 35 x 43 cm



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A Class 1 laser product according to IEC 60825-1 and 21 CFR 1040.10 and 1040.11.