

Horizon[®] SF

Setting the new standard in Dry Imaging.



Horizon® SF Multi-media Dry Imager

Product Description

Overview

The Horizon® SF is an intelligent, desktop dry film imager that produces superior diagnostic quality medical films as well as color and grayscale paper images fast, conveniently and affordably. The imager is compatible with many industry standard protocols including DICOM and Windows network printing. High speed image processing, networking, and spooling are standard.

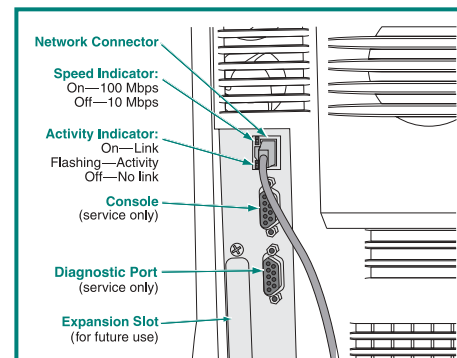
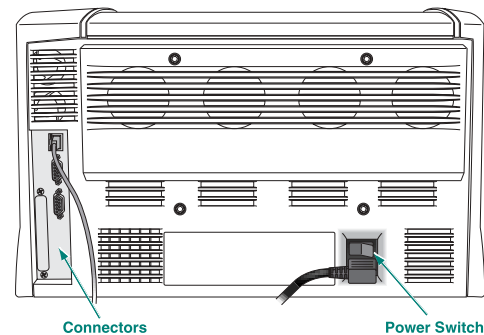
Specifications

Print Technology:	Dye-diffusion and direct thermal.
Spatial Resolution:	320 DPI (12.6 pixels/mm).
Throughput:	Up to 78 films per hour.
Grayscale Contrast Resolution:	12 bits (4096).
Color Resolution:	16.7 million colors. 256 levels each of cyan, magenta, and yellow.
Media Inputs:	Three supply cassettes, 50-100 sheets each. One color ribbon.
Media Outputs:	Three receive trays, 50-sheet capacity.
Media Sizes:	8 x 10 inch, A, A4. DirectVista® Film (blue and clear). DirectVista® Grayscale Paper. ChromaVista® Color Paper.
Dmax:	≥ 3.10 with DirectVista® Film.
Archival:	≥ 20 years with DirectVista® Film, under ANSI extended-term storage conditions.
Supply Cassettes:	All media is pre-packaged in factory sealed, disposable cassettes.
Interfaces:	Standard: 10/100 Base-T Ethernet (RJ-45), Serial Diagnostic Port, UPS Monitor Port.
Network Protocols:	Standard: FTP, LPR. Optional: DICOM, Windows network printing.
Image Formats:	Standard: TIFF, GIF, PCX, BMP, PGM, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa. Optional: DICOM, PostScript™ compatibility.
Image Quality:	Automatic calibration using built-in densitometer.
Image Control:	Gamma, Contrast, Saturation, Medical Color Matching (MCM™), Polarity, Rotation, Scaling, and Antialiasing.
Sheet Control:	Density Adjustment (Dmax), Look-Up Tables (LUT), Decimation Warning, Captions, Sheet Coverage, Border Color, Border Fill.
Sheet Formatting:	Variable Multi-Formatting (VMF™), Fixed Multi-Formatting (FMF™), 35mm SlideMaker™.
Control Panel:	Large, backlit LCD display. Status lights: Online, Alert, Fault, and Active. Power and menu navigation buttons.
Processor:	Intel.
Memory:	256MB RAM.
Hard Disk:	10GB (8GB available for spooling).
Removable Disk:	100MB ZIP™ Disk for software upgrades.
Smart Card:	16KB for storing configuration data.
Power:	Universal Input: 100-120/230V~ 50/60 Hz 600W printing, 150W idle.
Weight:	79 lbs. (36 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: 10-80% R.H.

Imager and Cassettes



Back Panel



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