

# Horizon<sup>®</sup> GS

**THE WORLD'S MOST VERSATILE MEDICAL IMAGER.**



# Horizon® GS Multi-media Dry Imager

## Product Description

### Overview

The Horizon® GS is an intelligent, desktop dry film imager that produces superior diagnostic quality medical films as well as grayscale paper images fast, conveniently and affordably. The imager is compatible with many industry standard protocols including DICOM and Windows network printing. Horizon also features direct modality connection, with up to 12 DICOM connections simultaneously. High speed image processing, networking and spooling are standard.

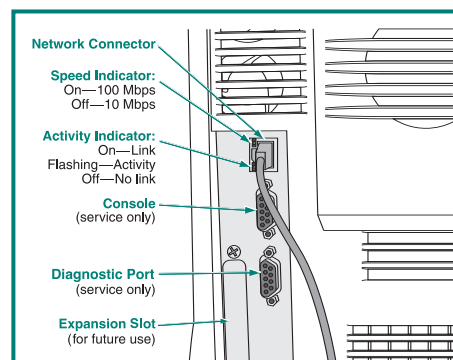
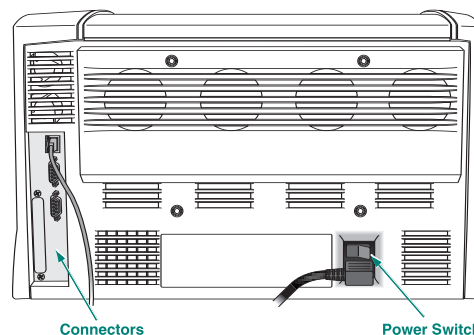
#### Specifications

Print Technology:	Direct thermal
Spatial Resolution:	320 DPI (12.6 pixels/mm)
Throughput:	Up to 100 films per hour
Grayscale Contrast Resolution:	12 bits (4096)
Media Inputs:	Three supply cassettes, 80-100 sheets each
Media Outputs:	Three receive trays, 50-sheet capacity each
Media Sizes:	8" x 10", 14" x 17" DirectVista® Film (blue and clear) A, A4, 14" x 17" DirectVista® Grayscale 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, Serial Console
Network Protocols:	Standard: FTP, LPR Optional: DICOM, Windows network printing
Image Formats:	Standard: TIFF, GIF, PCX, BMP, PGM, PNG, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa Optional: DICOM, 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
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:	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: 10-80% R.H.

### Imager and Cassettes



### Back Panel



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

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