

Horizon® GS

Multi-media Imager



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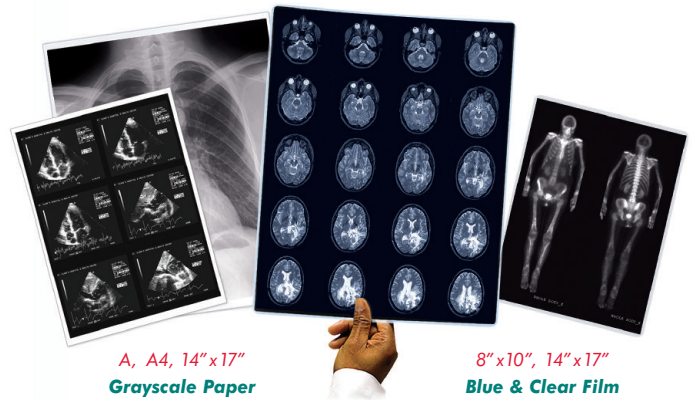
Multi-media Imager

Overview

The Horizon GS combines diagnostic film and grayscale paper printing to provide the world's most versatile medical grayscale imager. Horizon's multiple media options help to immediately cut your costs, build referring physician loyalty and attract new business. High speed image processing, networking and spooling are standard.

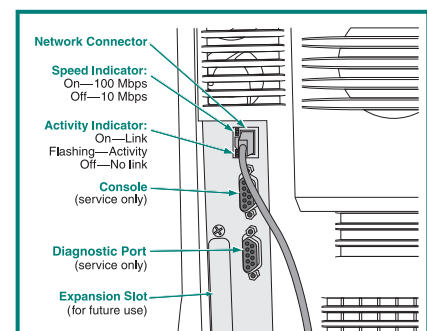
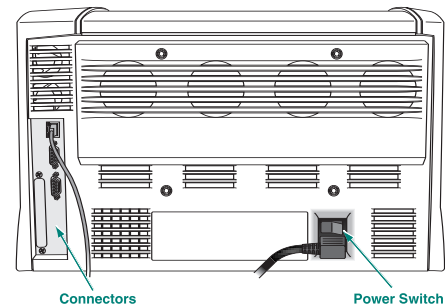
Specifications

| | |
|--|---|
| Print Technology: | Direct thermal (dry, daylight safe operation) |
| Spatial Resolution: | 320 DPI (12.6 pixels/mm) |
| Throughput: | Up to 100 films per hour |
| Time To Operate: | 5 minutes (ready to print from "off") |
| 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" (blue and clear) DirectVista® Film 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 |
| 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 Optional: DICOM (up to 24 simultaneous connections), Windows network printing |
| Network Protocols: | Standard: FTP, LPR Optional: DICOM, PostScript™ compatibility |
| 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, 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: | 256MB RAM |
| Hard Disk: | 20 GB (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) |



A, A4, 14" x 17"
Grayscale Paper

8" x 10", 14" x 17"
Blue & Clear Film



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



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