

Horizon[®] GS

Multi-media Imager



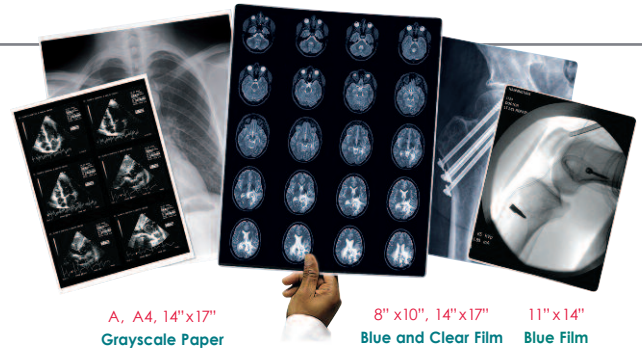
CODONICS

Horizon[®] GS

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. Featuring low-cost, room light viewable grayscale paper and a compact, counter-top design, Horizon obsoletes film-only imagers. High speed image processing, networking and spooling are all standard.



A, A4, 14" x 17"
Grayscale Paper

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

11" x 14"
Blue Film

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:	One receive tray, 50-sheet capacity
Media Sizes:	8" x 10", 14" x 17" (blue and clear), 11" x 14" (blue) 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
Media Supply:	All media is pre-packaged and factory sealed
Interfaces:	Standard: 10/100/1,000 Base-T Ethernet (RJ-45), Serial Console
Network Protocols:	Standard: 24 DICOM connections, FTP, LPR Optional: Windows network printing
Image Formats:	Standard: DICOM, TIFF, GIF, PCX, BMP, PGM, PNG, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa Optional: PostScript [™] compatibility
Image Quality:	Manual calibration
Image Control:	Gamma, Contrast, Polarity, Rotation, Scaling, Antialiasing
Sheet Control:	Density Adjustment (Dmax), Look-Up Tables (LUT), Image Warnings, Captions, Sheet Coverage, 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:	1 GB
Hard Disk:	SSD, 32 GB (24 GB available for spooling)
Removable Storage:	USB for software upgrades
Smart Card:	72 KB for storing configuration data
Power:	Universal Input: 100-120/230V~ 50/60 Hz, 400W printing, 45W idle
Heat Emission:	Maximum 400W, 1,366 BTUs/hr. printing, 45W, 153 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 - 50 C Operating Humidity: 10-70% R.H. (non-condensing)
Regulatory:	Full medical device compliance including Class 2 FDA and Class 1 MDD CE, GMP/QSR, ISO13485:2003, 60601-1 Safety (2nd and 3rd Edition) and EMC/EMI (60601-1-2 and FCC Class B) for Healthcare Facilities



Sunrise Express "Swap" Service

Smart Card from imager being replaced contains all of your internal settings such as IP addresses, gamma and contrast . . .



Smart Card is transferred to replacement imager for instant uptime!



We bring the future into focus

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