Horizon® GS-s

Multi-media Imager
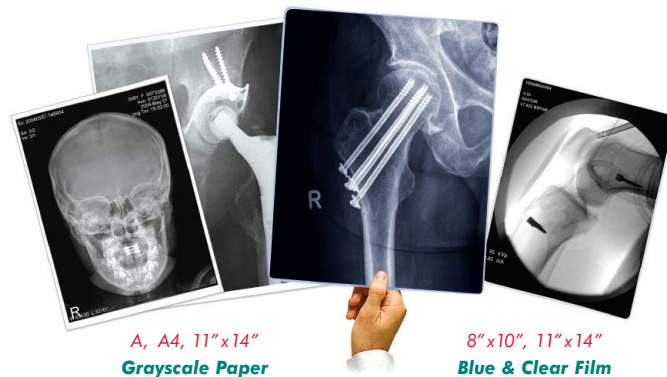

CODONICS

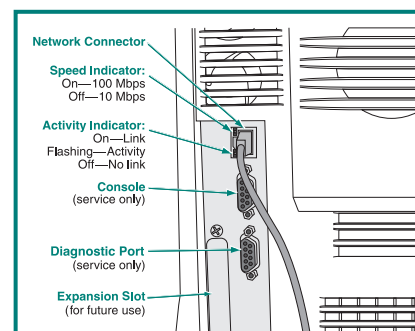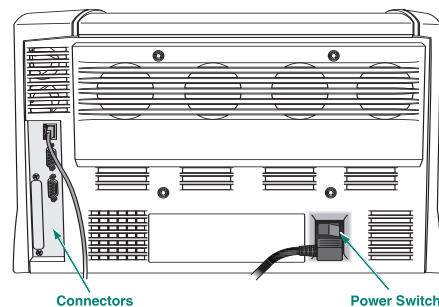# *Horizon® GS-s*

Multi-media Imager

Overview

The Horizon GS-s combines diagnostic film and grayscale paper printing to provide the world's most versatile medical grayscale imager. Horizon's media options, including 11" x 14", offer superior image quality and value for the CR/DR environment. High speed image processing, networking and spooling are standard.

A, A4, 11"x14"
Grayscale Paper

8"x10", 11"x14"
Blue & Clear 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:	Three receive trays, 50-sheet capacity each
Media Sizes:	8" x 10", 11" x 14" (blue and clear) DirectVista® Film A, A4, 11" x 14" 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
Network Protocols:	Standard: 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: 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:	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)

Connectors

Power Switch

Network Connector

Speed Indicator:
On—100 Mbps
Off—10 Mbps

Activity Indicator:
On—Link
Flashing—Activity
Off—No link

Console
(service only)

Diagnostic Port
(service only)

Expansion Slot
(for future use)

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

CE

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17991 Englewood Drive
Middleburg Heights, OH 44130 USA
(440) 243-1198
(440) 243-1334 Fax
Email info@codonics.com
www.codonics.com

900-194-002.03