

# Horizon® XL

## Multi-media Imager

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### EN - English

#### Overview

The Horizon XL combines diagnostic film, color paper and grayscale paper printing to provide the world's most versatile medical imager. Horizon XL features exclusive 36" and 51" dry long film ideal for long bone and scoliosis studies. A total CR/DR print solution, Horizon XL will reduce your costs, save you space, and completely eliminate your wet film processing needs. High speed image processing, networking and spooling are all standard.

#### Specifications

Print Technology: Dye-diffusion and 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)

Color Resolution: 16.7 million colors

256 levels each of cyan, magenta, and yellow

Media Inputs: Three supply cassettes, 25-100 sheets each, one color ribbon

Media Outputs: Three receive trays, 50-sheet capacity each

Media Sizes: 8" x 10", 14" x 17" (blue and clear) DirectVista® Film

14" x 36", 14" x 51" (blue only) DirectVista® Film

A, A4, 14" x 17" DirectVista Grayscale Paper

A, A4 ChromaVista® Color Paper

Dmax: >3.0 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 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, Saturation, Medical Color Matching (MCM™), 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: 512MB RAM  
Hard Disk: 80GB (60GB available for spooling)  
Removable Disk: 100MB ZIP™ Disk for software upgrades  
Smart Card: 72 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: 15-30°C, Storage: -22.2 - 50.6°C

Regulatory: Full medical device compliance including Class 2 FDA and Class I MDR 2017/745/EU (CE), GMP/QSR, ISO 13485:2016/NS-EN ISO 13485:2016, Electrical Safety IEC 60601-1 Ed. 3.1 and EMC/EMI: FCC Class A and IEC 60601-1-2: Ed. 4 for Professional Healthcare Facilities