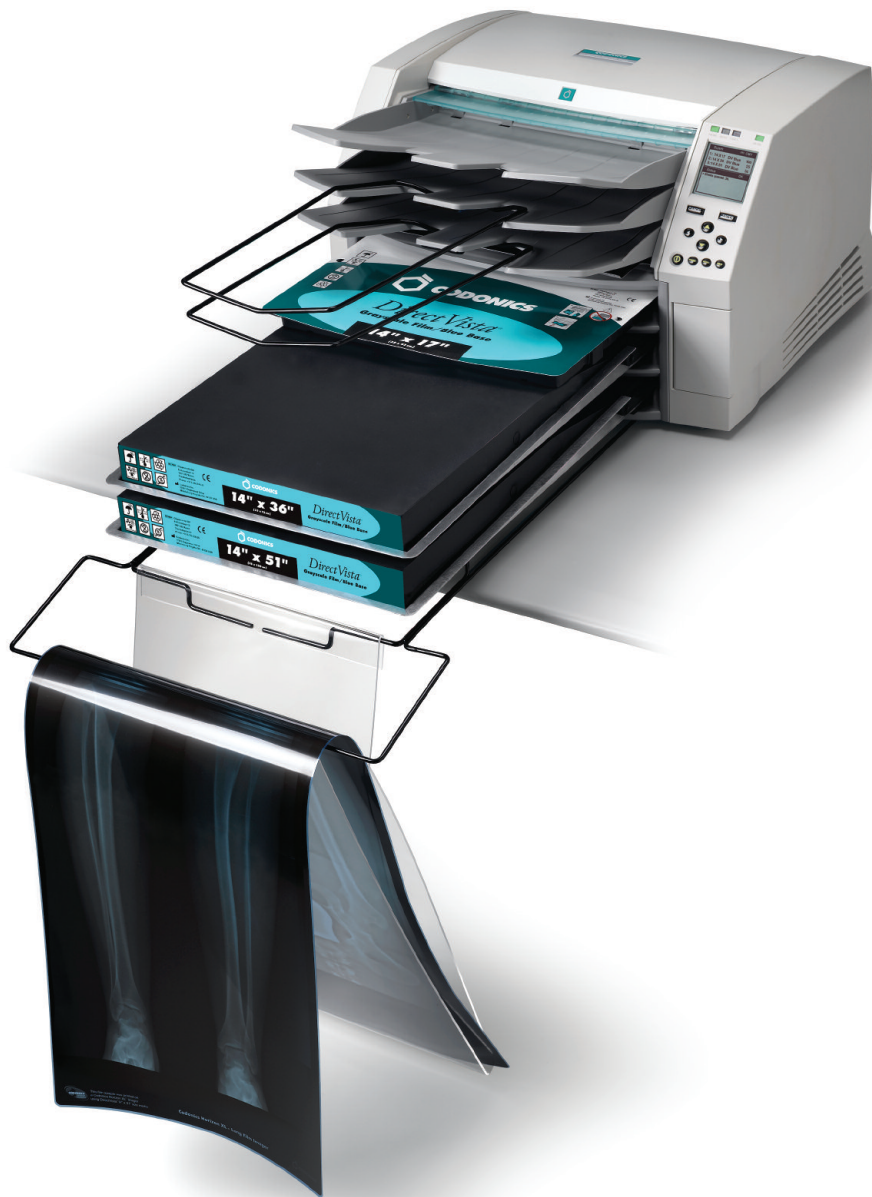# Horizon® XL

Multi-media Imager
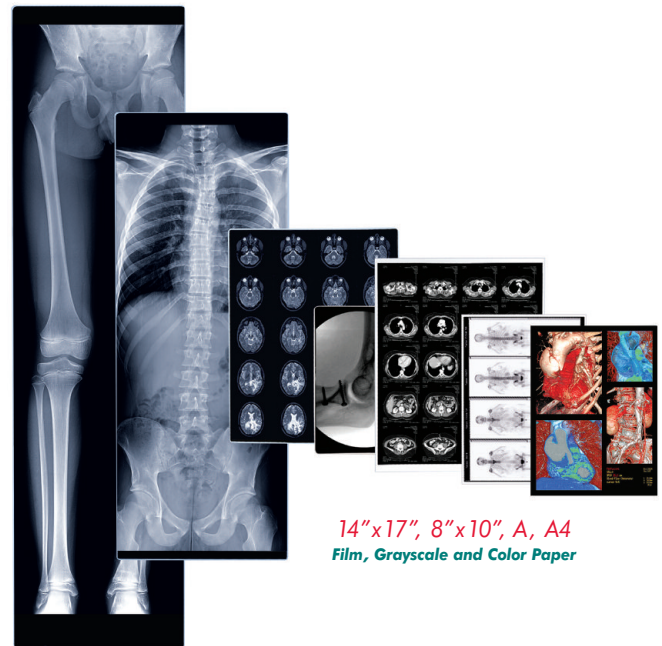

CODONICS

Horizon® XL

Multi-media Imager

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 digital 36" and 51" dry long film ideal for long bone and scoliosis studies. A total print solution, Horizon XL will reduce your costs, save you space, and completely eliminate your wet film processing needs.
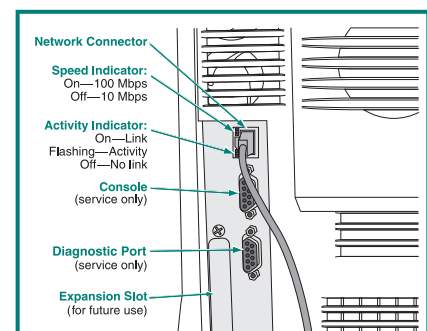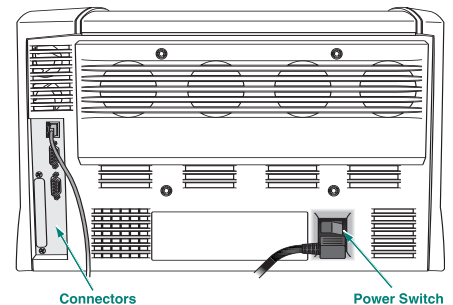
14"x17", 8"x10", A, A4
Film, Grayscale and Color Paper

14"x51", 14"x36"
*Exclusive Dry Long Film
for Orthopaedics*

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, long film catch sleeve
Media Sizes:	8" x 10", 14" x 17" (blue and clear), 14" x 36", 14" x 51" (blue only) DirectVista® Film A, A4, 14" x 17" DirectVista Grayscale Paper A, A4, ChromaVista® Color Paper
Dmax:	≥3.10 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, 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:	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
Weight:	66 lbs. (30 kg.)
Heat Emission:	Maximum 600W, 2,050 BTUs/hr. printing, 150W, 512 BTUs/hr. idle
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

Call Codonics today at **800-444-1198** or visit *www.codonics.com* for more information.

CODONICS®
We bring the future into focus