MEDICAL EQUIPMENT OF FLORIDA

Horizon G1

One Media Input Imager

The Horizon G1 is an intelligent, desktop dry imager that produces diagnostic quality medical films plus grayscale paper prints if you choose the optional paper feature. The imager is compatible with many industry standard protocols including DICOM and Windows network printing. Horizon also features direct modality connection, with up to 24 simultaneous DICOM connections. High speed image processing, networking and spooling are standard.
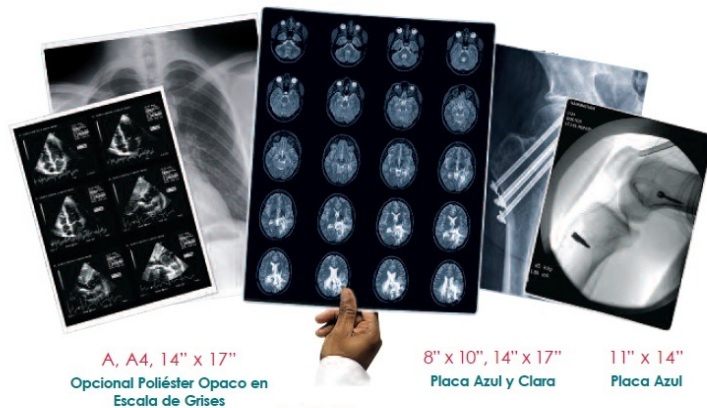
Sunrise Express "Swap" Service
Smart Card from imager being replaced contains all of your internal settings such as IP addresses, gamma and contrast. Smart Card is transferred to replacement imager for instant uptime!

Features

- Horizon's all-in-one patented technology provides maximum versatility and cost savings
- Convenient, high quality, low-cost grayscale paper is room-light viewable, and perfect for patient files and referral copy with 20-year archivability
- Dry long film is ideal for scoliosis, long bone studies, and pediatric and adult spines

A, A4, 14" x 17"
Opcional Poliéster Opaco en
Escala de Grises

8" x 10", 14" x 17"
Placa Azul y Clara

11" x 14"
Placa Azul

- Horizon offers the fastest time-to-first-print in its class, printing up to100 films an hour and holding up to 300 sheets of film
- The Smart Card holds Horizon's configuration settings and is the basis for our revolutionary Sunrise Express "Swap" Warranty, a commitment that you're up and running within 24 hours of a service call
- Desktop size is perfect for tight spaces
- Horizon's size and rugged design make it ideally suited for mobile applications. Ask about our custom mobile cabinets and mounting kits
- Exclusive custom job settings allow contrast and resolution to be uniquely set for each modality
- Validated with all major OEMs, PACS and workstations for seamless connectivity

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: One supply cassette, 80-100 sheets
- 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
  - Optional: 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

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OF FLORIDA
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- o Optional: Windows network printing
- Image Formats
  - o Standard: DICOM, TIFF, GIF, PCX, BMP, PGM, PNG, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa
  - o 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: 1GB
- 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
  - o Operating Temperature: 15-30C
  - o Storage: -22 -50 C
  - o 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

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