

EP-1000 Color Medical Imager

Product Description

Overview

The EP-1000 is a compact, low cost color hardcopy device that produces diagnostic quality medical prints using dye-diffusion technology. The imager includes an Ethernet converter for use on a Local Area Network (LAN) and drivers for Windows NT, 2000 and XP.

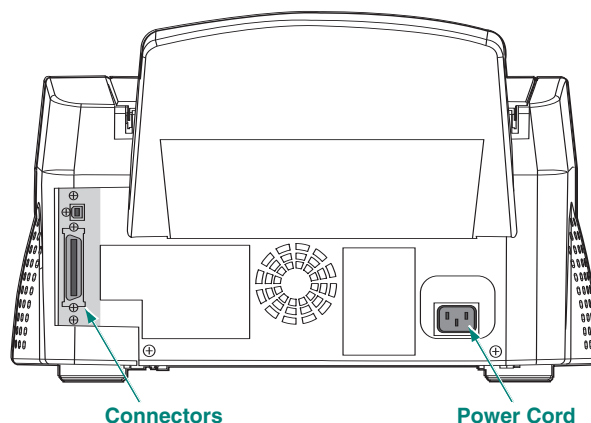
Specifications

Print Technology:	Dye-diffusion
Spatial Resolution:	314 dpi (12.36 pixels/mm)
Color Resolution:	16.7 million colors. 256 levels each of cyan, magenta, and yellow
Density Range:	Up to 2.55 OD Dmax
Color Registration:	Less than 0.1mm average
Interfaces:	10/100 Base-T Ethernet (RJ-45) via supplied converter module
Compatibility:	Drivers available for Windows NT, 2000 and XP
Image Control:	Gamma, Contrast, Saturation and Medical Color Matching (MCM™)
Memory:	23 MB RAM memory, three image planes of 2508 x 3134 pixels
Cassettes:	One dual A or A4 media cassette included with imager, 50-sheet capacity
Media Sizes:	A or A4 ChromaVista® Color Paper CMY donor ribbon
Power:	120 V~, 50/60 Hz 0.35 A / 21 W (idle) 2.7 A / 210 W (printing) 30 - 130 W (head pre-heating)
Dimensions and Weight:	Height: 10.75 in. (27.2 cm) Width: 17.0 in. (43.3 cm) Depth: 28.5 in. (72.0 cm) Weight: 28.7 lbs (13 kg)
Regulatory:	US FDA 510(k), UL, FCC
Environment:	Operating Temperature: 17-30C Storage: -22.2 - 50.6C Operating Humidity: 30-80% R.H.
Use Environment:	The imager must be located at least 1.83 m (6 ft.) from the patient treatment or examination area (bed, exam table, etc.) at all times to avoid inadvertent patient contact with the apparatus.

Imager and Cassette



Back Panel



The system is intended for use by medical radiologists, imaging modality specialists, and for communications to referring physicians.

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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

Codonics Limited KK
New Shibaura Bldg. F1
1-3-11, Shibaura
Minato-ku, Tokyo, 105-0023 JAPAN
Phone: 81-3-5730-2297
Fax: 81-3-5730-2295