

# iFilm CReator<sup>®</sup>



## Overview

The iFilm CReator offers superior image quality and value for CR/DR and multi-modality environments. High speed image processing, networking and spooling are standard.

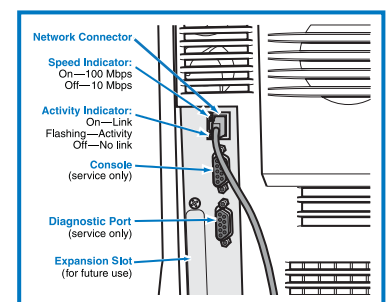
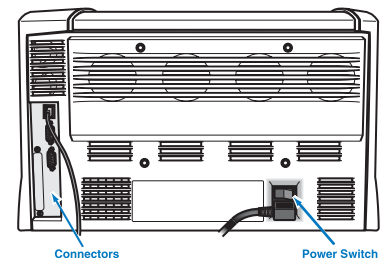
## Specifications

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 Input:	One supply cassette, 100 sheets
Media Output:	One receive tray, 50-sheet capacity
Media Sizes:	14" x 17" iFilm DVB 8" x 10" iFilm DVB
Dmax:	>3.10 with iFilm DVB
Archival:	>20 years with iFilm DVB, 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: DICOM (up to 24 simultaneous connections), Windows network printing, FTP, LPR
Image Formats:	Standard: TIFF, GIF, PCX, BMP, PGM, PNG, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa
Optional:	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)

## Medical Imaging Film DVB

14 x 17 in • 35 x 43 cm

8 x 10 in • 20 x 25 cm



▲ Class 1 Laser product according to IEC 60825-1 and 21 CFR 1040.10 and 1040.11.



2580 West 237<sup>th</sup> Street  
Torrance, CA 90505  
310-921-9559  
310-921-2559 Fax  
Email: info@icrcompany.com  
www.icrcompany.com