KONICA MINOLTA

LASER IMAGER

DRYPRO

MODEL 832

The essentials of imaging

SMALL AND SOPHISTICATED

Konica Minolta technology pursues the ultimate performance in dry medical laser imagers. With the DRYPRO 832, superior image quality, ultra-high speed printing and increased cost effectiveness are all included in this very compact laser imager.

The DRYPRO 832 dry laser imager is more than just a compact printer. It delivers excellent productivity, boasting an unparalleled time to first print of 50 seconds and support of five film sizes - from 14×17 in. to 8×10 in. This full-spec, "tabletop," laser imager doesn't sacrifice performance or versatility.

World's fastest first printing time[※1]

Time to first print, a major speed and productivity parameter, has been greatly improved to a short 50 seconds, dramatically enhancing productivity and workflow.

※1 as of March 2007

Stable operation with no HDD

Hard drives store system software and data and, with that, there is always a risk that the disc will crash, bringing operation to a standstill. With the DRYPRO 832, we have eliminated the hard drive and introduced a design where the essential system software is run from compact flash memory and image data is managed by an external computer (CS-2/3 or Printlink5-IN), thereby contributing to stable operation.

Five film sizes and two trays[※2]

e film sizes are available (14×17 in., ×14 in., 11×14 in., 10×12 in., and 8× in.,) And by installing an additional film pply tray, two film sizes can be used at same time, for example, 14 ×17 in. d 11×14 in., or 14×17 in. and 8x10 in..

※2 Optional

User-friendly

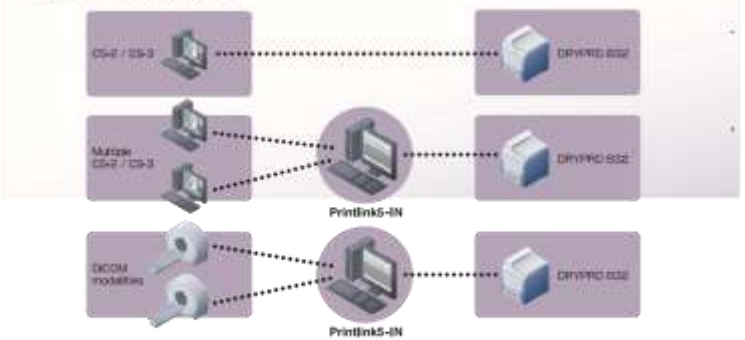
The DRYPRO 832 is very user friendly It is easy to use, warms up quickly, and is very quiet.

A clearly visible status light changes color to indicate "Ready", "Printing" and "Film Empty" conditions.

Environment-friendly design

The excellent low-noise design assures a pleasant environment. The actual running noise has been tuned to a low tone with a reduced high-temperature range, so that it gives the impression of being quieter than it actually is. While the overall noise

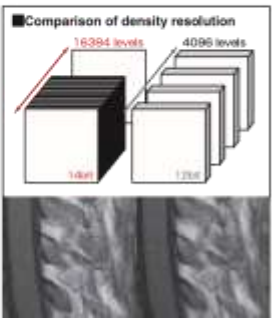
ample for Connectivity Layout



High-quality images

A semiconductor laser and precision optics are merged to produce 78.6μm pixel size resulting in sharp, high-definition films.

The DRYPRO 832 accepts 8-bit or 12-bit data and outputs with 14-bit density resolution to accurately reproduce the highest resolution images such as those from Regius CR.



C O M P A C T & F U L L S P E C.

The DRYPRO 832 occupys a mere 0.35m²

enabling more efficient use of space.

LASER IMAGER
DRYPRO MODEL 832

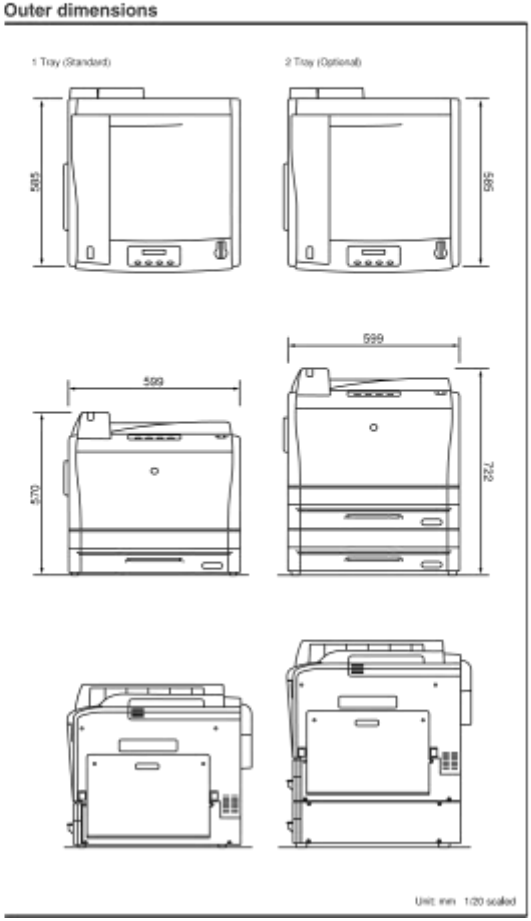
Specifications of DRYPRO MODEL 832

Laser Source	Semiconductor laser
Film Size	14"×17"(35×43cm),14"×14"(35×35cm),11"×14"(28×35cm), 10"×12"(25×30cm) and 8"×10"(20×25cm) selectable
Film	Dry Imaging recording film SD-Q / SD-QC
Image Format	1,2,4,6,8,9,12,15,16,20,24,25,30,35,36,42,48,54,60,63,64
Image Memory	Print memory (64MB / standard)
Pixel Size	78.6μm (320dpi)
Image data input	8bit / 12bit
Output gradation	16384 levels (14bits)
Image Mode	Pixel replication / Function interpolation process
Processing capability	More than 90sheets / hour
First Printing Time	less than 50sec
Input interface	Ethernet 10base-T / 100 base-TX / 1000base-T
External connection	Connection to external computer(CS-2/3 or Printlink5-IN)
Supply	1 Tray (standard) 2 Tray maximum (optional)
Border processing	Black / White
Trimmed frame	Available
Density correction	Automatic via built-in densitometer
Positive / negative	Available
Operating condition	15-30℃(59-86F) 30-70% RH
Power	UL : 120V AC± 10% 60Hz±1Hz 10A CE : 220-240V AC± 10% 50/60Hz± 1Hz 6A
Heat generation	UL : 1200KJ/H or less CE : 1400KJ/H or less
Noise Level	In print Mode : 53 dB or less In standby mode : 46 dB or less
Dimensions	W599×D585×H570 mm *with 1 Tray W599×D585×H722 mm *with 2 Tray
Footprint	0.35m²
Weight	approx. 95kg(209lb) *with 1 Tray approx. 117kg(258lb) *with 2 Tray
Accessories	Power Cable, Operation Manual, Cutter (for film loading)

Specifications of Printlink5-IN

Protocol	DICOM Print Management
DICOM connection	Print Service Class (Basic Gray Scale) / Presentaion LUT Service Class / Storage Service Class
Number of Input / Output channel	8 channels maximum (7 input channels maxiumum when 1 DRYPRO832 is connected)

Outer dimensions



★In order to improve the performance, the specifications above are subject to change without notice.

KONICA MINOLTA

KONICA MINOLTA MEDICAL & GRAPHIC, INC.

No.1, Sakura-machi, Hino-shi, Tokyo, 191-8511, Japan

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