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VMI 5100MS

Incorporating the latest in digital technology, the **VMI 5100MS** delivers full 16 bit performance at a 50 micron resolution. The **VMI 5100MS** can scan round, square or rectangle imaging plates; literally any size up to a 14 x 17 inch format. The flat, single path makes the use of either a hard cassette or soft, flexible cassette, a reality in a single CR system that can handle any size imaging plate. This is the system that finally delivers a complete replacement for film applications; delivering film like quality at all energies. The **VMI 5100MS** meets the most stringent image quality requirements of industry.

- Premium CR Digitizer
- Innovative single, flat path
 - No bending of the imaging plate while being read and erased
 - No plate damage / wear during scan process
 - Scans and erases in a single pass
- Single Moving Part
 - For ease of operation and maintenance
 - Precise single action drive mechanism
- Requires only a single workstation reducing system complexity
- True 16 bit, 65,000 shades of gray for maximum contrast resolution

Digitizer Specifications:

Light Source / Sensor	Laser Diode / PMT
Pixel Depth / Bit Depth	65000 / 16 bit source file
Laser Spot Size	50µ ~ 200µ (at 10µ steps)
Throughput	Over 60 images per hour
Feed Mechanism	Single Action Drive System
Feed/Erase	Automatic, flat single path
Interface	USB 2.0
Operating System	XP Professional
Power Requirements	100-240V AC/ 2.5A max; 47-63 Hz
Network	DICOM / DICONDE Compliant
Weight	70 lbs
Dimensions	Tabletop

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