

Specification

CMI900

Element Range	Titanium 22 to Uranium 92.
Number of layers and elements	5 layers (4 layers + base) and up to 25 elements simultaneously
X-ray excitation	50 W (50kV and 1.0mA) or optional 75 W (50kV and 1.5mA) micro-focused W anode tube
Detector	Xe filled proportional counter with secondary filtering (up to 3 filters)
Collimators	Up to 6 collimators, variable sizes, rectangular or round
Digital Pulse Processing	4096 CH digital multi-channel analyzer. Automatic signal processing including dead time correction and pulse pile up rejection.
Computer	Pentium 4, 2.8 GHz, 40 Gb HD, 256Mb RAM with Microsoft™ Windows XP (English)/ Microsoft™ Windows 2000 (other languages) **equivalent or better
Camera optics	1/3" CCD-640x512 pixel array, 500lines/inch, magnification selection of 30X, 50X, or 100X
Power Supply	85~130 or 215~265 volts, with frequency range of 47Hz to 63Hz
Working Environment	50°F (10°C) to 104°F (40°C) and up to 98% RH, non-condensing
Weight	97 kg
Table Travel	7 x 6 x 1.7" (178 x 152 x 43mm), table size is 24 x 24" (610 x 610mm)
External Dimensions	Standard Fixed Base: 14 x 28 x 12" (356 x 711 x 305mm) Mini-well Base: 14 x 28 x 16.25" (356 x 711 x 413mm) XY Programmable Base: 24 x 38.5 x 15" (610 x 978 x 381mm)

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