

VJTechnologies

VEDA CORE

Up to 160 kV
DR & CT System
Ideal For Small to
Midsized Parts



VEDA CORE

System Specifications

Source	St. Focus Source	Minifocus Source	Microfocus
Voltage	160kV	80kV	150kV
Power	500W	56W	75W
Focal Spot Size	0.8mm	35–50µm	7–50µm
Material Penetration (Alum)	120mm	40mm	110mm

Detector & System	St. Focus Source	Minifocus Source	Microfocus
VJ 1313			
Active Area (mm)	130x130	130x130	130x130
Pixel Pitch (µm)	127	127	127
Voxel Size (µm)	≥63	≥31	≥12
DR Part Envelope Size (mm)	100x400	100x400	100x400
CT Part Envelope Size (mm)	10x100	10x100	10x100
Max Part Weight (kg)	25	26	27
Max System Magnification	Up to 2x	Up to 4x	Up to 10x

VJ 2020			
Active Area (mm)	200x200	200x200	200x200
Pixel Pitch (µm)	194	194	194
Voxel Size (µm)	≥97	≥48	≥19
DR Part Envelope Size (mm)	160x460	160x460	160x460
CT Part Envelope Size (mm)	160x160	160x160	160x160
Max Part Weight (kg)	25	25	25
Max System Magnification	Up to 2x	Up to 4x	Up to 10x

Cabinet

Length	6'10" / 2125 mm
Width	3'1" / 950 mm
Height	6'9" / 2100 mm
Weight	3527 lbs. / 1600kg

Software

Image Acquisition	✓i5 _{DR} Image Acquisition Software
DR Image Analysis	✓i5 _{DR} Image Analysis Software, ADE™
CT Reconstruction	✓i5 _{CT} Cone Beam CT Reconstruction
CT Artifact Correction	Scatter, Beam Hardening, Ring Artifact, IAR
CT Analysis & Visualization	✓i5 _{CT} Viewer Software, Volume Graphics
Additional CT Options	Avizo, Simpleware, and etc.

Travel distance may vary slightly depending on the component selected

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Other Locations
China, India, France, Mexico
Multiple Locations in USA

