



TECHNICAL SPECIFICATIONS

TERA 250 - ADDITIVE MANUFACTURING SYSTEM

Resolution	1.9 micron
Tolerance	0.5 micron
Surface Roughness (RMS)	0.4 micron
Layer Thickness	1 micron
Build Speed	1 mm Height Per Hour
Build Volume	50mm x 50mm x 100mm
Weight (Net Weight)	450 kg
Weight (Gross Weight)	550 kg
Dimensions	140cm X 90cm X 170cm
Operating Temperature / Humidity	24-30 °C / 40-60%
Power	110-240 V - 3 KW
Technology	Adaptive Micro Projection

MATERIALS

	Tensile Strength	Young's Modulus	Elongation at Failure	Flexural Modulus	Izod Impact, Notched	HDT @0.46 MPa
Precision N-800	52- 65 MPa	52- 65 MPa	2-4%	2.1-3.6 Gpa	32-44 J/m	100-120 °C
Performance N-900	60-80 MPa	7.5-8 Gpa	1-2%	7-8.5 Gpa	25-30 J/m	150-230 °C

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