S200-C Technical Specifications

SINTER PROPERTIES	Heating Element	Graphite Heating Rod
	Sinter Run Time	About 20 Hours
	Peak Internal Temp.	1450°C (2642°F)
	Workload Envelope	200 × 200 × 200 mm/ 7.87 × 7.87 × 7.87 inch
	Trays	Adjustable Multi-Level Trays (6-Position)
	Protect Gas Type	Argon, Nitrogen
	Power Requirement	380-400 V AC, 50/ 60 Hz, 3 phase (5 wire) , 45 A/ 30 kW peak draw
	Max Heat Load	14 kW
	Materials Supported	Ultrafuse® 316L; Ultrafuse® 17-4 PH
	Sintering Workload	5832 cm^3(356 in^3)
	Atmosphere	Partial-Pressure Sintering (Vacuum-Enabled)
	Thermal Uniformity	± 6°C at Sintering Temperatures
	Fail safes	Front-Mounted E-Stop, Over-Temperature Protection
PHYSICAL DIMENSIONS	External Dimensions	1434 × 1137 × 1974 mm/ 54.46 × 44.76 × 77.72 inch
	Weight	About 800 Kg (1760 lbs)
PLATFORM SUPPORT	Network Connectivity	WLAN and Ethernet
	Onboard control	7-inch touchscreen
	Remote Software	ideaMaker Metal, RaiseCloud
	Browser requirements	Accessible via any Web Browser
	Automation	Auto-Generated Temperature and Pressure Profiles, Live Job Progress Tracking