

S200-C Technical Specifications

<p>SINTER PROPERTIES</p>	<p>Heating Element Silicon Molybdenum Rod</p> <p>Sinter Run Time About 20 Hours</p> <p>Peak Internal Temp. 1450°C (2642°F)</p> <p>Workload Envelope 200 × 200 × 200 mm/ 7.87 × 7.87 × 7.87 inch</p> <p>Trays Adjustable Multi-Level Trays (6-Position)</p> <p>Protect Gas Type Argon, Nitrogen</p> <p>Power Requirement 380-400 V AC, 50 Hz, 3 Phase (5 wire) , 40 A/ 27 kW Peak Draw</p> <p>Cooling System Industrial Chiller with Flowrate of 1.6 m³/h</p> <p>Max Heat Load 12.5 kW</p> <p>Materials Supported Ultrafuse 316L; Ultrafuse 17-4PH</p> <p>Sintering Workload 5832 cm³(356 in³)</p> <p>Atmosphere Partial-Pressure Sintering (Vacuum-Enabled)</p> <p>Thermal Uniformity ± 6°C at Sintering Temperatures</p> <p>Fail safes Front-Mounted E-Stop, Over-Temperature Protection</p>
<p>PHYSICAL DIMENSIONS</p>	<p>External Dimensions 1434 × 1137 × 1974 mm/ 54.46 × 44.76 × 77.72 inch</p> <p>Weight About 800 Kg (1760 lbs)</p>
<p>PLATFORM SUPPORT</p>	<p>Network Connectivity WLAN and Ethernet</p> <p>Onboard control 7-inch touchscreen</p> <p>Remote Software ideaMaker Metal, RaiseCloud</p> <p>Browser requirements Accessible via any Web Browser</p> <p>Automation Auto-Generated Temperature and Pressure Profiles, Live Job Progress Tracking</p>