NEOCRUCIBLE

3D Printers for Industry

Creality Sermoon D1
Industrial Grade FDM 3D Printer
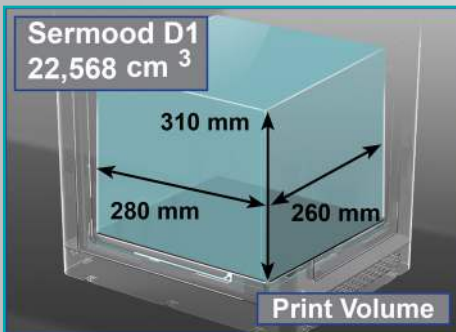
Print Volume
22,568 cm³

Industrial Grade Customer Support
- Warranty & Repair Support
- Replacement Parts in Stock
- Technical Support & Consulting

Industrial Grade Material Capabilities
- Fully Enclosed for Temperature Stability
- Max Hotbed Temperature: 100°C (212°F)
- Max Nozzle Temperature: 250°C (482°F)
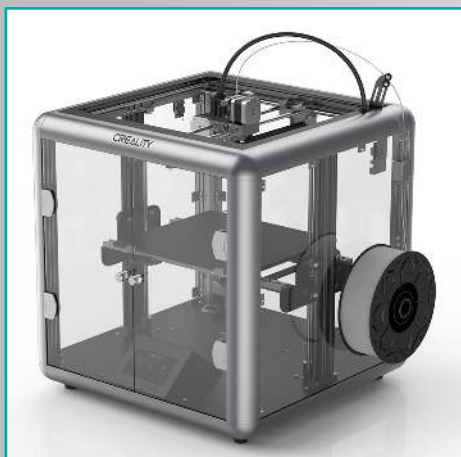- Designed for PLA, TPU, PETG

Sermood D1
22,568 cm³

310 mm
280 mm
260 mm

Print Volume

Max Print Volume

22,568 Cubic cm (cm³) (1383 Cubic Inches)
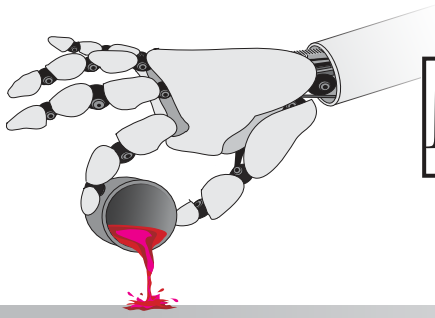- **X** Dimension: 280 mm (11.0 Inches)
- **Y** Dimension: 260 mm (10.2 Inches)
- **Z** Dimension: 310 mm (12.2 Inches)

Industrial Grade Applications
- What ifs...
- Prototypes
- Test Fixtures
- Production Fixtures
- Concept Justification
- Packaging Evaluations
- Product Shape Alternatives
- Finished Goods Production

Under $700
Ask for a Quote

sales@neocrucible.com

www.neocrucible.com ● 4769 E Wesley Drive ● Anaheim CA 92807 ● (888) 831-9336

Creality Authorized USA Distributor and Repair Facility

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3D Printers for Industry

A Division of Lodestone Group

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Sermoon D1 Specifications

Master Process Chip: ATMEGA 2560

Whisper Quiet for Office Environments

Power Loss-Recovery ⬤ Filament Run-Out Sensor

4.3 Color Touch Screen ⬤ File Transfer via SD Card

Power Supply Rating: 115/230 Volts AC - 24 Volts DC

Printer Size: 500 x 500 x 590 mm (20.0 x 20.2 x 21.0 Inches)

Shipping Carton: 590 x 590 x 410 mm (23.2 x 23.2 x 26.1 Inches)

Gross Weight: 26.5 Kg (58 lbs) ⬤ Net Weight: 20.5 Kg (45.2 lbs)

Print Nozzle Diameter: 0.4 mm ⬤ Filament Diameter: 1.75 mm

Max Print Temperature: 250˚C ⬤ Max Hot Bed Temp: 100˚C (212˚F)

Layer Thickness: 0.1 to 0.3 mm (.008 inches) ⬤ Print Accuracy: +/- 0.1 mm

Sermoon D1 is Engineered for Materials up to 250˚C

Filament Characteristics

Brand Material	Group 1 Filaments		Group 2 Filaments			Group 3 Filaments				
	Creality CR-PLA	Creality CR-TPU	Creality CR-PETG	Creality ABS	PolyLite ASA	PolyMax PC	PolyMax PC-FR	PolyMide PC/ABS	PolyMide Nylon 6/6	PolyMide PA6-GF
Description	Versatile	Flexible	Versatile	Strong	Strong	Useful	Special	Tough	Tough	Tough
Colors	Many	Many	Many	Some	Some	Limited	Limited	Limited	Limited	Gray
Ease of Use	9	8	7	6	5	5	5	5	5	4
Print Temp	>190˚C	>210˚C	>230˚C	>250˚C	>250˚C	>260˚C	<260˚C	>260˚C	>280˚C	>280˚C
Durability	4	7	5	4	3	9	8	10	8	10
Heat Resist	3	2	6	7	7	8	8	8	9	10
Rigidness	5	1	5	6	7	7	9	7	7	10
Weather	3	7	4	4	9	5	5	5	4	4
						Reinforced	UL94-VO	Blend		Glass Fill

Creality Pro Line-Up

Ask for Volume Discounts

CR-5 Pro
Up To 260˚C

Print Volume 25,650 cm

CR-5 Pro H
Up To 300˚C

Print Volume 25,650 cm

CR-3040 Pro
Up To 280˚C

Print Volume 36,000 cm^3

CR-5060 Pro
Up To 300˚C

Print Volume 150,000 cm^3