



Features

- Handheld device designed for **creating three-dimensional objects** by manually extruding heated plastic, suitable for creativity, design thinking, and STEM education
- Enables hands-on learning of **3D concepts, spatial thinking, and material behaviour** in classrooms, laboratories, and maker spaces

Technical Specifications

Parameter	Offered Specification
Operating Technology	Extrusion of heated plastic
Nozzle Diameter	Approx. 0.6 – 0.8 mm
Filament Diameter	1.75 mm (standard)
Layer Thickness	Approx. 0.6 – 1.2 mm
Supported Materials	PLA, TPU
Supplied Plastic	Approx. 10 metres or more
Operating Temperature	Approx. 160 – 230 °C , adjustable as per material
Plastic Feed Rate	Adjustable, approx. 2 – 10 mm/s
Power Supply	220 V AC mains, battery, or USB (5 V, 2 A for portable models)
Safety Features	Auto shut-off, overheating protection

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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