

Elevating print quality and precision

World's First

INDUCTION HEATED NOZZLE

- Capable of reaching **250°C in just 4 seconds**, with a maximum temperature of 500°C
- Water-cooled for precise temperature control and made from abrasion-resistant tool steel
- Suitable for high-performance filaments like ULTEM, PA, PC, CF, and GF with minimal nozzle wear.

CHAMBER HEATING

- Achieve chamber temperatures of up to **80°C** with an optimized airflow impeller for uniform heat distribution

OPEN SYSTEM

- Compatible with a wide range of FDM filaments
- Freedom to choose slicer software

THOUGHTFUL DESIGN

- Built-in heated filament storage
- LED indicator for clear printer status communication

FILAMENT SENSOR ARRAY

- Continuous measurement of filament diameter X, Y, length and extrusion force
- Enables dynamic adjustment of extrusion multiplier for **Filament Quality Protocol**

HEATED BUILD PLATE

- A heated build plate (140°C) with removable print plate and PEI coating for print adherence and easy removal

4-DRIVE GEAR EXTRUDER

- Ensures **precise filament control**, enhancing the overall print quality and reliability

Delta S

Delta M
COMING SOON


Technical Specification

| | |
|---------------------------------------|---|
| Chamber heater | 80°C |
| Bed Temperature | 140°C |
| Flexible Steel Plate with PEI Coating | Smooth and textured |
| Auto Bed Leveling | Included |
| Induction heated hotend | Included with nozzle temperature up to 500°C |
| Nozzle Diameter | 0.4mm (Default), 0.6 (optional) |
| Watercooled Effector | Included |
| Filament | IPLA/ ABS/ HIPS/ PC/ TPU/ TPE/ PETG/ ASA/ PP/ PVA/ GF/ CF/ PEKK / Nylon / PEEK / ULTEM / Glass Fiber reinforced/ Carbon Fiber reinforced/ Metal Fill/ Wood Fill |
| Part Cooling | 10 m3/h |
| Power Supply Input | 100-240 V AC, 50/ 60 Hz 230 V |
| Print Speed | Up to 250 mm/s |
| Acceleration | 10,000 |
| Print Volume (Diameter x Height) | 200 x 250 mm |
| LEDs | Internal / External status |
| Filament chamber | Fully enclosed and heated up to 45°C |
| Closed loop stepper | Included |
| Carbon Arms | Included |
| Filament | 1.75mm |
| Extruder | 4-Drive gear Extruder |
| Running on | Klipper |
| Full Metal Frame | Included |
| Connectivity | Wi-Fi, LAN |
| I/O Ports | USB |
| Camera | Integrated for Machine Learning Detection |
| Layer Height | Min. 0.01 mm |
| Sensor Array | Real time print parameter adjustment, Print Report |
| Filament Runout Detector | Sensor integrated into Sensor Array |
| Operation Temperature | 15-30°C, 10-90% RH non-condensing |
| Storage Temperature | -25°C to +55°C, 10-90% RH non-condensing |
| Machine Size | 450 x 450 x 970 mm |
| Net Weight | 60kg |

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