**PRIDE3D**
3D PRINTING SALES & SERVICES

# Pratham

## 200x200x250 mm
## Desktop 3D Printer
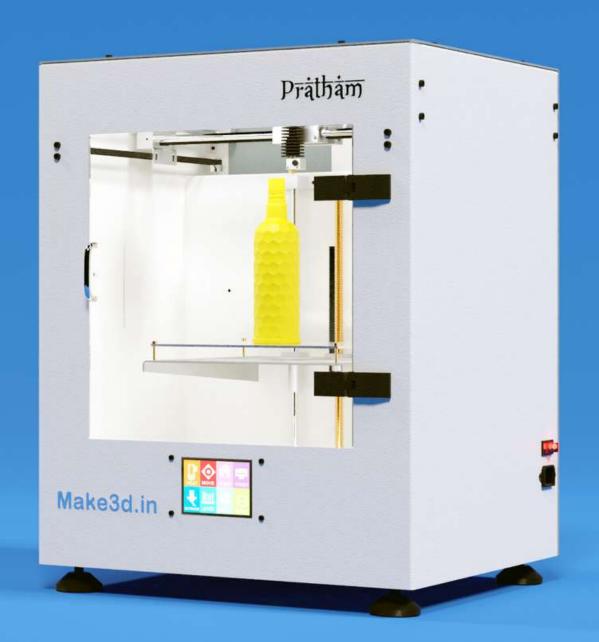
Pratham

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# Advanced Feature of Pratham

## Aluminium Heatbed
Get Optimum Bed Heating Speed

## Filament Sensor
Save your print if filament finished during print

## Power Failure Protection
Save your print against sudden power cut,
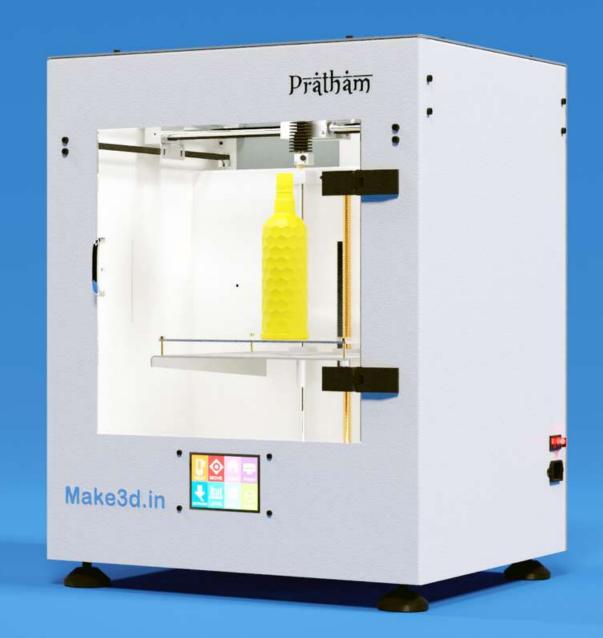
Auto resume Facility

## Multi Material Support
Shape your imagination with vast material range.

PLA–ABS–PETG–TPU etc.

## Semi-automatic Bed Level
No requirement of regular manual bed level, Do once

and save it for next print.

## Sufficient Build Volume
3D Print anything upto 200x200x250 mm in size.

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# Specification of Pratham

| | |
|---|---|
| Print Technology | Fused Filament Fabrication |
| Build Volume | 200mm x 200mm x250mm |
| Layer Resolution | 0.08/0.1/0.2/0.3/0.4mm |
| Dimensional Tolerance | ±0.1 mm |
| Print Speed | 40-120 mm/sec |
| Extruder Temp | 280 °C (single extruder) |
| Printbed Temp | 120 °C |
| Nozzle Size | 0.4 mm standard **(0.3/0.4/0.5/0.6/0.8 mm Changeable)** |
| Heatbed Build Platform | Yes (Aluminum Printbed) |
| Filament Diameter | 1.75 mm |
| Filament Compatibility | ABS/PLA/Flexible TPU/PETG |
| Operating Control | Touch Screen Control |

# Specification of Pratham

| | |
|---|---|
| Software Bundle | Cura Software |
| Operating System | Windows/Mac |
| Supported File Formats | STL or GCODE |
| Connectivity | USB/SD CARD/Wi-Fi(optional as addon) |
| Power Requirements | 230V, 50Hz, 240W |
| XY Gantry | Round shaft Motion Guide |
| X-Y Precision | 11 Microns |
| Z Precision | 10 Microns |
| Body Hardware | All Metal MS Body |
| Printer Dimension | 400L x 400W x 530H mm |
| Printer Weight | 22 KG |
| Shipping Weight | 32 KG (With Accessories Kit) |