

HT45

Redefining the FFF limits

Technical materials



Affordable technology



High temperature



Professional tool



HT45 High Performance

Printing of high temperature materials: PEEK, PEKK, PEI, PPSU ...

HT45 is a FFF technology 3D printer with a series of mechanical and thermal characteristics that make it possible to print the most demanding materials by the industry.



- Print volume **450 x 300 x 300 mm**
- Printer size **1150 x 800 x 1760 mm**
- Precision Z axis: **1,25 microns**
- Precision XY axis: **12 microns**
- Max. extruder temperature **500°C**
- Max. environment temperature **200°C**
- Ready to print **PEEK, PEKK, PEI, PPSU...**
- Nozzle diameter **0,4 mm**
- Other available diameters **0,6 mm / 0,9 mm / 1,2 mm**

- Titanium thermal barrier
- Extruder height automatic regulation
- Heated feeder
- Printing recovery system
- Liquid refrigeration
- Double tempered glass
- Vacuum fixed base (aerospace grade aluminum)
- Remote monitoring
- Conectivity: Ethernet, USB
- UPS Accomodation
- 7" LCD touch screen
- MMS System - Modular maintenance system

