

# PEEK Series

## 3D Printer Properties

Technology	Fused Deposition Modeling (FDM)
Print head	Single
Max . travel speed	600 mm/s
XY resolution	0,01 mm (10 microns)
Z resolution	0,05 mm (50 microns)
Maximum layer thickness	1 mm (1000 microns)
Build Plate	Glass
Build Plate temperature	175 degrees Celcius
Build plate heat up time	105 seconds (to 100 degrees Celsius)

Nozzle temperature	450 degrees Celsius
Nozzle heat up time	165 seconds (to 300 degrees Celsius)

Supported materials	All polymer including high temperature like PEEK
Filament diameter	1,75 mm
Out-of-filament sensor	Yes

## Power Requirements

Input / Output	24 V / 350 Watt
Connectivity	LAN (RJ45)
Touch screen	On-printer control
Software	Simplify3D (included)

Casing	Aluminium with Lexan
Noise level	Low

Preferred room temperature	15-25 degrees Celsius
Humidity level	30 – 50 %
Environment cleanliness	Medium "office clean"

## Service Level Agreement

- One year for free, after that €900,- yearly, including:
- One spare print head for free (one time)
  - Free print head cleaning
  - 50 percent discount on spare parts and upgrades
  - 20 percent discount on filament



T650P

**Build volume (mm):** 200 diameter x 285 height (315 center)  
**Printer dimensions (mm):** 300 x 300 x 650



T850P

**Build volume (mm):** 300 diameter x 380 height (405 center)  
**Printer dimensions (mm):** 500 x 500 x 850  
**Including:** Heated Chamber (65 °C)