

LISA SLS PRINTER - product's specification



| GENERAL INFORMATION | |
|---------------------|---|
| Status | Available |
| Category | Desktop |
| Technology | SLS |
| Warranty | 12 months |
| HARDWARE | |
| Dimensions | 650 x 550 x 450 mm (25.6 x 21.6 x 17.7 in) |
| Weight | 35 kg (77 lbs) |
| Power supply | One phase, recommended AC outlet power 1,5 kW Voltage 110/120 V or 220/230 V |
| MATERIAL | |
| Powder PA12 | Rigid, durable, temperature resistant, chemical resistant |
| Powder FLEXA BLACK | Elastic |

| PRINTER PARAMETERS | |
|----------------------------------|---|
| Laser diode | 5W IR type |
| Max. build volume | 150 x 200 x 150 mm (5,9 x 7,9 x 5,9 in) |
| Max size of high precision print | PA12 - 90 x 110 x 130 mm (3,5 x 4,3 x 5,1 in) |
| | FLEXA BLACK - 110 x 130 x 150 mm (4,3 x 5,1 x 5,9 in) |
| XY accuracy | 0,1 mm |
| Min. Layer thickness | 0,075 (3,0 mils) |
| Min. wall thickness | 0,4 mm |
| INDEPENDENT HEATING SYSTEM | |
| Heated piston | yes |
| Heated cylinder | yes |
| Heated feed bad | yes |
| Heated print bad | yes |
| Max. temperature in the chamber | Max temperature 190C / 374 F |
| SOFTWARE | |
| Software | Sinterit Studio 2016 |
| Supported file types | STL, OBJ, 3DS, FBX, DAE, 3MF |
| OS compatibility | Microsoft Windows |
| CONNECTIVITY | |
| USB stick | yes |
| Wifi | yes |
| COMMUNICATION | |
| LCD screen | yes |
| Touchscreen | 4" |
| On-board camera | yes |

| PROPERTIES OF PRINTS | |
|---------------------------------|---|
| Support structures | no needed |
| Freedom of form | high |
| Moving parts | yes |
| Multiple parts printing at once | yes |
| Feature details | high |
| Temperature resistance | high |
| Durability | high |
| Lightweight | yes |
| PACKAGING | |
| Size of package | 600 x 800 x 1050 mm (23,6 x 31,4 x 41,3 in) |
| Package weight | 65 kg (143 lbs) |
| Package contains | LISA printer + Set of Accessories |
| SAFETY | |
| Certificates | CE, FCC |