opiliones 3D

Documentatie Opiliones 3D-printer

Safety Instructions:

Before using the Opiliones 3D-printer, please read this manual and follow the instructions carefully.

- Keep the 3D-printer away from children.
- When detecting smoke or unexpected odors, turn off the 3D-printer immediately. Watch out for burns.
- PLA is processed at about 210 ˚C. Beware of the hot extruder (hot end). Touching it can cause burns.
- The 3D-printer should be used in normal ventilated rooms.
- The 3D-printer is suitable for printing PLA, PET and PET-G. The user will ensure adequate ventilation and other safety precautions when using other plastics and materials.
- The print head of the 3D printer cannot handle lateral external forces .
- When using the heated print bed, do not touch the print bed.

Maintenance list Opiliones 2L 3D-printer

In normal use, Opiliones 3D-printers require the following maintenance:

Maintenance type	Time interval
Glass plate cleaning	Daily
Check for loose parts, screws etc and tighten them hand tight	Every three months
Clean running surfaces of the carriages, inner side tube frame	Every three months
Clean the hot end and fans with compressed air	Once a year
Clean and grease the filament gear with acid free grease	Once a year
Clean and grease the ball joints with acid free grease	Once a year

Warranty

12 months Carry-in waranty.

All parts included, except wearing parts and consumables, damage from misuse, damage due to negligence (ex. maintenance not according to schedule), and damage from accidents or other external factors.

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Replacement- and spare parts*:

Heated print bed	€ 667,-
Glassplate for heated print bed	€ 132,15
Print island, new complete	€ 810,54
Print island, exchange rebuild	€ 430,92
Hot-end complete	€ 230,85
Low friction tape (per length)	€ 8,42
Nozzle 0.25, 0.4, 0.8mm (via webshop)	€ 25,-
Touch-Display v1 (via webshop)	€ 250,-
Touch-Display v2	€ 292,41

workshop hourly rate	€ 100,-

*All the above prices are excl. VAT and shipping costs.

Documentation for Opiliones 3D Repetier Custom Host software (hyperlinks):

1. Tutorials
2. Installation and configuration
3. Object placement
4. Slicing
5. Gcode-editor
6. Manual control
7. Troubleshooting

Operating instructions for the Opiliones 2L 3D-printer::

1. Turn on the machine with green rocker switch at the front side under the glass plate
2. Slide a SD card with a G-code into the SD card reader on the side of the printer
3. Press HOME on Touchscreen
4. Press G CODES
5. Select the desired G-code
6. Press START
7. After your 3D-print is finished, do not turn off as long as the temperature of the hot end is above 35 ˚C