iSQUARED²

Generic Consumables and Services for 3D Printing

iSQUARED JET

Precise cleaning of 3D-printed PolyJet® components made of water-soluble support material

Due to a precise water jet, the iSQUARED JET cleaning device is especially suitable for cleaning small holes, cavities and inaccessible areas of 3D printed PolyJet® parts.

The pressure regulator allows the operator to adjust the water jet strength according to the complexity and strength of the printed part so it won‘t be damaged.

Convenient, compact and easy to use: Simply connect the unit to the water supply and place it near a drain to convey wastewater containing the detached material. Place the component in the device and process it with the water jet until it is completely cleaned.

Technical Data:

- Voltage / Frequency : 230 V / 50 Hz
- Power consumption: 1800 W
- Water consumption: 0,5 l/min
- Connection to the water mains: ¾ Gas
- Standard nozzle diameter 0,8 mm
- Optional nozzle diameter: 1-1, 2- 1,5 mm
- Diameter of drain pipe for connection to the sedimentation tank: 32 mm
- Operating pressure variable: 0,2-4 (2-40) MPa (bar)
- HWD: 400 x 400 x 550 mm
- Net/ Gross Weight: 23 Kg / 26 Kg
- Packaging dimensions: 590 x 460 x 600 mm

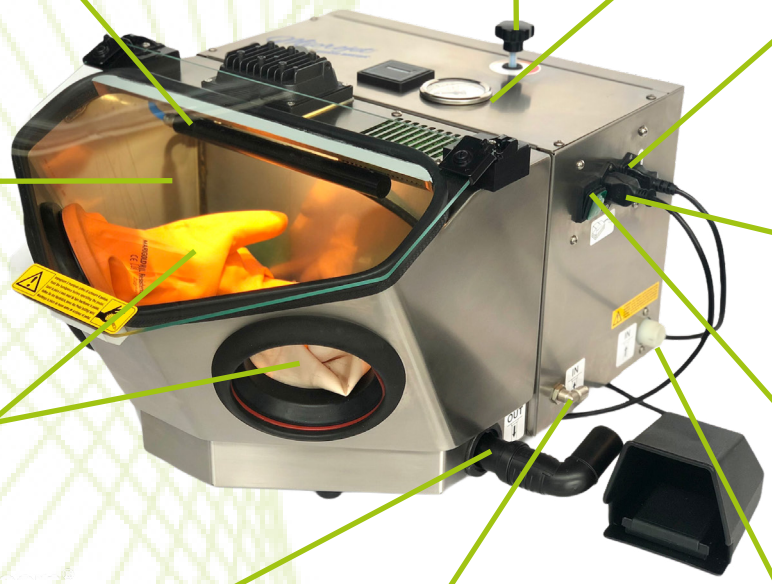
Lamp
LEDs illuminate the entire workspace.

Pressure regulator
It allows to regulate the pressure from 10 to 60 bar.

Pressure gauge
Indicates the pressure of the water jet.

Sight glass
Tempered glass above the working chamber kept clean by an air jet.

Connection to electric supply
By a suitable cable with a safety fuse.



Glove
Solid gloves protect the operator during work.

Connection to the control pedal
Allows to connect the supplied pedal.

On-Off-Switch
For switching the device on and off.

Water drain
With a diameter of 40 mm it conveys the waste water into the decanter.

Connection to air supply
Quick coupling for Rilsan pipe with 8-mm external diameter.

Connection to water mains
3/4 front fitting for connection to the water supply line.

Advantages of the iSQUARED JET

- Individual water pressure adjustment through the pressure regulator
- Precise cleaning of small cavities in the pressure part
- Low-consumption LED illumination of the working chamber
- Clear view through an integrated air jet at the sight glass
- Robust gloves protect the operator and immediately enable good sensitivity

Contact us now

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