

3d printer enclosure

Isolation and Control of the 3D Printer Enclosure:

The interior of the RDBox is lined with 5 cm thick “Pyramid” type polyurethane foam, which effectively absorbs sound and significantly reduces noise levels during the printing process. Climate control is managed via an LCD display that shows the internal temperature and automatically activates the fans to expel hot air and controls the lighting as needed.

Wireless Technology and Safety for 3D Printer Enclosure:

The RDBox connects via Wi-Fi and Bluetooth, allowing control of the settings through our mobile app or a browser on the local network. Additionally, it is integrated with an MQTT broker, enabling real-time monitoring and control of operational parameters. A built-in smoke detector enhances operational safety.

Ventilation of the 3D Printer Enclosure:

The ventilation system includes HEPA and carbon filters, which purify the air from microparticles and odors.

The RDBox is the ideal choice for those seeking professional print quality with added comfort and style.

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