

MEDICAL MAX 3D

MEDICAL FDM 3D-PRINTING SYSTEM

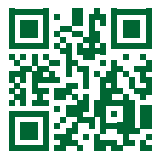
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Imprint

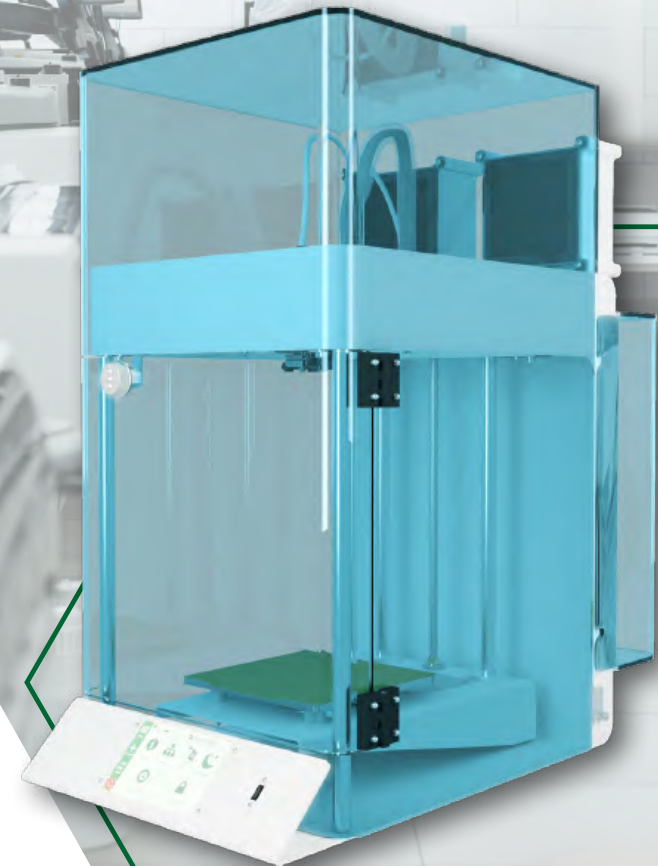
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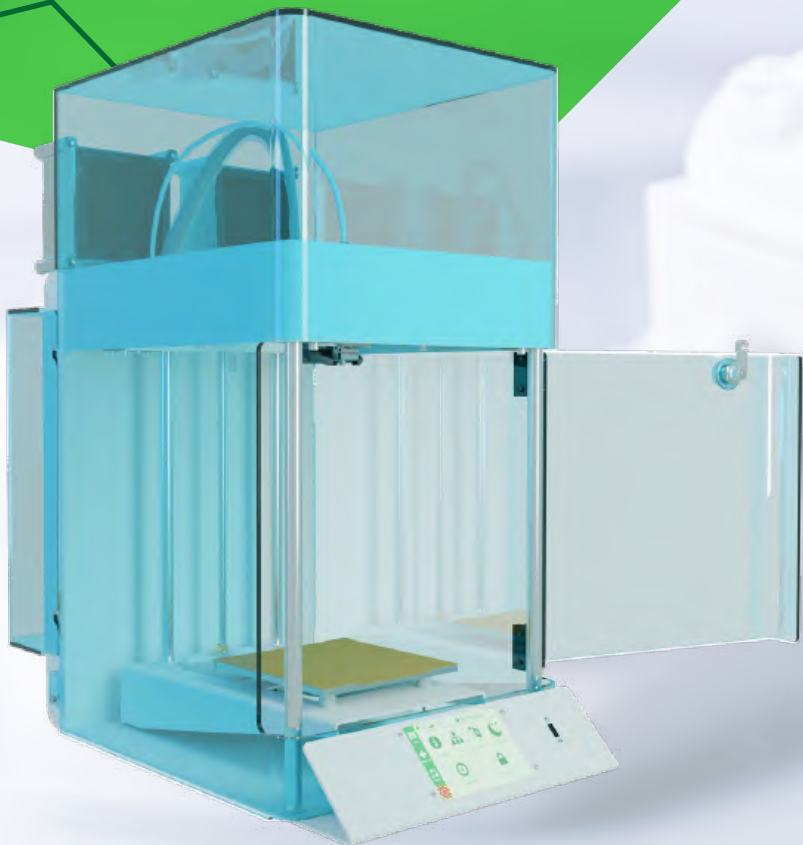
by **ORTHO**
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The Ortho Native WORKFLOW-PROMISE

The Medical MAX3D is shipped to all customers with the Workflow Promise. This includes a complete, **free refurbishment after 12 months** - this means that all relevant wear parts are replaced and any defects in the device are taken care of!

On request, a further refurbishment service can be booked after 24 months for a fixed service fee.



MEDICAL MAX3D

The first FDM 3D-Printer,
developed for use
in Practices and Laboratories

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The Medical MAX3D offers an outstanding combination of **speed, safety and ease of use**. With an enormous printing speed of **over 250 mm/s**, it is ideal for use in practices and laboratories where fast and efficient production is often essential. The **locked print space** prevents unauthorized access and ensures the safety not only of patients but also of staff.

The **magnetic print bed** facilitates handling and enables the print objects to be removed quickly. Thanks to its fully removable casing, **cleaning is particularly convenient** and promotes compliance with medical hygiene standards.

Even the working environment benefits from the **integrated filter system**, which effectively reduces emissions and contributes to occupational safety.

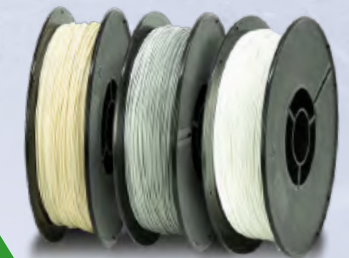
The filament box on the back protects the filament from external influences and ensures a continuous supply of printing material thanks to the integrated spool dispenser and **filament run-out sensor**, allowing for longer printing processes.

To further improve the workflow, the printer is equipped with **LED interior lighting** that makes the print status visible at a glance.

Last but not least, the **GDPR-compliant internal storage** ensures that sensitive data is stored securely and complies with current data protection regulations.

The Medical MAX3D thus combines maximum performance with security-oriented and user-friendly functions that have been specially optimized for everyday medical use!

- **Build Volume:** 18cm * 18cm *18cm
- 0,4mm Printer Nozzle / 0,1-0,25mm
- 300°C max. Nozzle-, 110°C max. Bed Temperature
- **PIN-secured** Display
- Printing via USB or WiFi
- **Includes print profiles** for study models, vacuum forming und working models
- 25GB Internal Storage
- Camera for **remote Printer Monitoring**



Medical MAX3D
TECHNICAL DATA