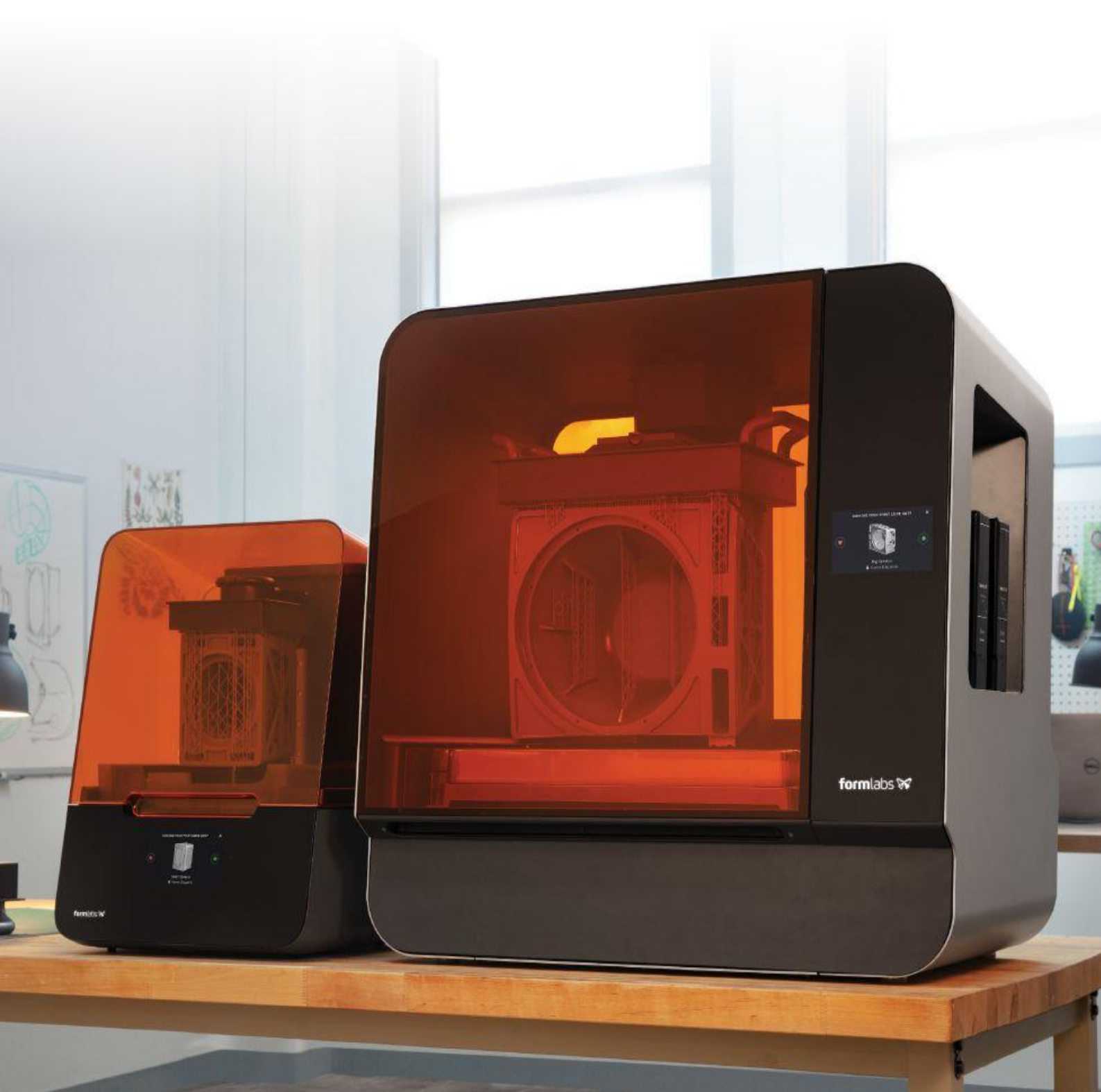




Form 3 Online Trainings

Hardware, Software, Applications and Maintenance



Training offers

Different options to fit your needs

	Webinar	Online Seminar	Customized Training
Duration	60 + 15 minutes	4 hours	4 hours
Content	Basic Printer Handling PreForm Overview 15 Minute Q&A	Printer Setup Maintenance Materials Overview PreForm Demonstration Troubleshooting Topic relevant questions Questionnaire through polls	Printer Setup Maintenance Materials Overview In-Depth PreForm Troubleshooting In-Depth Q&A Guided Exercises
Attendees	Unlimited, Muted	Unlimited, Muted	Max. 10, Dialogue
Price	Free	199€ per Attendee	599€
Dates	21.04. English 28.04. German 05.05. English 12.05. German 19.05. English 26.05. German	23.04. German 30.04. English 07.05. German 14.05. English 22.05. German 28.05. English	Contact us



Seminar Content

Module 1: Hardware and Interaction

- **Internal Mechanics:** Looking into the Form 3's LPU
- **Print Process:** Squish, Expose, Peel, Wipe: What forces are the models confronted with?
- What is Low Force Stereolithography?

Module 2: Workflow and Maintenance

- **Maintenance:** How to optimise the print environment, Resin Tank care
- **Finishing:** Form Wash, Form Cure & removing supports
- **Post Processing:** Grinding, Polishing and painting using different tools

Module 3: Materials

- **Polymerisation:** Understanding the SLA process
- **Mechanical Properties** of 3D-printed models: HDT, Notched IZOD, Young's Modulus, understanding data sheets
- **The Formlabs Material Library:** Durable, Tough, Flexible, Standard... which material is useful for what applications?

Module 4: Software: PreForm & Dashboard

- Orienting and supporting models
 - **Orientation:** XYZ-Orientation, Base-Selection, Directly printing on the Platform
 - **Supports:** Density, Point Size, Dense Multiplier, Base Thickness and custom edit
 - Dealing with **Islands** and **suction cups**
- **Dashboard:** Manage and track prints online

Module 5: Advanced Troubleshooting

- **Printing Errors:** Rashing, Ragging, Volume Explosion, Non-Adherence
- **Troubleshooting:** Empty Cartridge, Bite Valve Error, Unknown Consumable, Cartridge or Resin Tank Not Detected, Motors Jammed, Printer Tilted etc.





Further Information

Date/Location:	Visit Formlabs Eventpage
Language:	English & German
Requirements:	Computer or mobile device with GoToMeeting Software

Contact

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