DREMEL®




# Dremel DigiLab 3D40 - Education Bundle

Model # 3D40-EDU

## Product Specifications

Educators looking for lesson plans or to add this product to their classroom should visit digilab.dremel.com for more information. The Dremel DigiLab 3D40 3D Printer - EDU is the printer for the educator that continues the Dremel heritage of reliability and ease-of-use while bringing the convenience of Wi-Fi connectivity and mobile interaction to the classroom. The The Dremel DigiLab 3D40 3D Printer - EDU is packed with features to assist the educator and includes the accessories and tools you need to get started in the world of 3D building including extra filament and a USB flash drive with curriculum-based models.

With a build capacity larger than the Dremel 3D20, you can build bigger projects inside the fully enclosed, illuminated workspace with a cooling system that prevents object warping and keeps your builds precise. Design and edit your models with the included Dremel Digilab Slicer based on Cura , and control the building process using a full-color touch-screen. And when the build is done, retrieve your object using the convenient removable build platform. Large, clear, hinged door and lid permit unobstructed viewing of the build operation so you can always see inside without compromising the build environment. Easy-to-use right out of the box, the The Dremel DigiLab 3D40 features built-in printable files so you can start building immediately, without the need of a computer. An advanced extruder design features an active filament monitoring system to ensure successful builds and the exclusive, Quick Level™ guided levelling system makes set-up a snap. Better yet, the 3D40 is made by Dremel the brand you trust for reliability and value and backed by a one-year warranty and UL certification to assure quality and provide peace of mind.

- Quick and easy set-up with Quik Level™ guided 2-point semi-auto leveling, for fast and accurate calibration
- Wi-fi enabled for remote printing through new Dremel 3D app or through spark software
- New Dremel preparation build software with added features to ensure successful builds
- Innovative extruder with active filament monitoring protects against failed builds
- Expanded build capacity for larger projects— 10 In. x 6 In. x 6.7 In. (255 mm x 155 mm x 170 mm)
- Excellent safety and support—highly rated customer service, one year warranty and UL certified
- Enhanced cooling system prevents warping and keeps your objects crisp
- Advanced motion control minimizes noise
- Full color touch screen lets you go from file to building effortlessly
- Removable build platform for easy object removal
- On-board software enables stand-alone operation
- Fully enclosed for protected building
- 100 micron build resolution for high quality building
- 1-year warranty and UL certification assure quality and peace of mind
- Full color touch screen and onboard software enable standalone operation

| DIMENSIONS | |
|---|---|
| Filament Type(s): | PLA Filament |
| Maximum Build Width (in): | 6.7 |
| Warranty: | Limited 1 Year |
| Cord Length: | 5[ft] |
| Maximum Build Height (in): | 6 |
| Voltage: | 110V - 120V |
| Amperage: | 1.8 |
| Minimum Layer Thickness / Resolution (Microns): | 100 |
| Maximum Build Depth (in): | 10 |
| Filament Diameter(mm): | 1.75 |
| Weight: | 35[kg, lb, oz] |