

# DREMEL®



## Dremel DigiLab 3D45 3D Printer

Model # 3D45-01

### Product Specifications

Educators looking for lesson plans or to add this product to their classroom should visit [digilab.dremel.com](http://digilab.dremel.com) for more information. The Dremel 3D45 is the most reliable and easiest-to-use 3D printer for advanced users in higher education and corporations. You can now use expanded filament types like nylon and eco-ABS. To make things easier, the 3D45 has filament detection via RFID that enables the printer to automatically recognize and change settings for optimized printing. With new features like a heated bed and an integrated camera, you can take 3D printing to the next level. With the 3D45 comes the web-based slicing and printing program that allows you to directly print via wifi or ethernet connection. The 3D45 comes backed by the industry's best 1-year warranty and the world-class Dremel support team.

- Remote viewing and management of the print
- Patented assisted leveling improves print reliability
- Expanded filament offering and printability
- Rfid recognition configures the printer settings depending on the filament
- Enhanced extruder and new heated build plate
- Printer will automatically present print setting per filament type as user inserts it into the spool rack, reducing setup time and misprints
- Integrated camera provides enhanced fleet management and an effortless method for time-lapse videos
- Maximizes filament types (ABS, Nylon) that the printer can print, allowing users to print functional prints
- Includes: 3D Printer, nylon filament, ECO-ABS filament and glue stick

DIMENSIONS	
Filament Type(s):	PLA Filament
Maximum Build Width (in):	6.7
Warranty:	1 Year Limited Warranty
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]