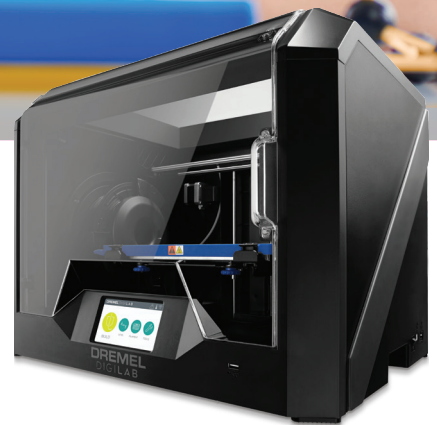




KONICA MINOLTA

TECHNOLOGY



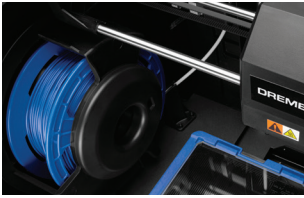
### 3D45 3D PRINTER

PRODUCT	VALUE 3D PRINTERS	DREMEL DIGILAB 3D45	EXPENSIVE 3D PRINTERS
Quality and edurance testing		•	•
50-Micron resolution	•	•	•
Multi-material compatibility	•	•	•
Filament auto-recognition		•	
Active carbon air filter		•	
HD camera integration		•	
LCD touch screen		•	
Semi-automated leveling		•	•
WiFi connectivity		•	•
Reliable brand		•	
World-class customer support		•	
Fully enclosed chamber		•	
Price	<\$800	<b>\$1,799</b>	\$2,500+

Reliable and easy to use,  
with advanced features  
that bring creative  
visions to life.

**DREMEL**  
DIGILAB

# KEY HIGHLIGHTS



Filament recognition automatically changes nozzle and bed temperature settings.



Camera integration for remote monitoring and time lapse videos



Semi-automated leveling for fast and accurate calibration.



Easy printing via full color LCD touch screen with intuitive interface.

## MODEL 3D45-01

### WHAT'S INCLUDED:

- (1) Black spool nylon filament
- (1) Black spool eco-ABS filament
- (1) USB flashdrive with slicing software
- (1) Build plate
- (2) Sticks of glue
- (1) Removal tool
- (1) One-year warranty
- (1) Quick start guide
- (1) User manual



For complete information on Konica Minolta products and solutions, please visit: [CountOnKonicaMinolta.com](http://CountOnKonicaMinolta.com)

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## Dremel DigiLab

### 3D45 PRINTER

The Dremel DigiLab 3D45 3D Printer brings breakthrough digital technology to in-class learning. Its advanced technology lets you print in 50 micron layers with nylon, eco-ABS and more. Reliably tested to run for hundreds of hours with clog-resistant extruder. All supported with a 1-year warranty and lifetime Dremel customer support.

#### BUILDING

<b>Printing technology</b>	Fused deposition modeling
<b>Extruder</b>	Direct drive single extruder
<b>Build volume</b>	10" x 6" x 6.7" / 402 cubic inches
<b>Z-Layer resolution</b>	50-300 microns
<b>Materials</b>	Nylon Eco-ABS PLA Poly-carbonate
<b>Filament diameter</b>	1.75 mm (0.069")
<b>Nozzle diameter</b>	0.4 mm (0.014")
<b>Print file type</b>	.g3drem .gcode
<b>Internal storage</b>	8 GB
<b>Operating interface</b>	4.5" full color IPS touch screen
<b>Build platform leveling</b>	Semi-automated leveling

#### SOFTWARE

<b>Software bundle</b>	3DprinterOS (Cloud-based) CURA (Desktop)
<b>Operating systems</b>	Mac OS X (v10.9+) Windows (7 / 8 / 8.1 / 10)
<b>Connectivity</b>	USB / Ethernet / WiFi

#### TEMPERATURE

<b>Extruder maximum temperature</b>	280° C
<b>Build platform maximum temperature</b>	100° C
<b>Operating temperature</b>	16-29° C

#### ELECTRICAL

<b>Input rating</b>	100-240V, 47-60Hz / 0.85-2.3 Amps
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#### WEIGHT AND DIMENSIONS

<b>Weight</b>	19.4 kg (42.8 lb)
<b>Dimensions</b>	20.25" x 16" x 15.9"



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Item #: DREM DIGILABCS  
12/2017-C