

# epsilon

## Industrial power on your workbench



The Epsilon Series delivers large-scale parts with industrial-grade materials, thanks to features such as its passive heated chamber, full enclosure, and humidity-controlled environment.

Powered by our Independent Dual Extruder (IDEX) system, the Epsilon Series delivers exceptionally strong functional parts, while the Smart Cabinet (SC) boosts your printers' performance by keeping your materials in optimal condition.

Powered by BCN3D's invention, **IDEX** technology



### Productivity

IDEX Technology  
Printing volume:  
W50: 420x300x400mm  
W27: 420x300x220mm



### Safety & Protection

HEPA & Carbon Filter  
Safety Pause  
Uninterruptible  
power supply  
Closed environment



### Integration

Wireless printing  
BCN3D Cloud  
Humidity-controlled  
environment  
Multilingual 5" touchscreen



### Versatility

Open filament system  
Different hotend sizes

# MAIN SPECIFICATIONS



## Technology

FFF (Fused Filament Fabrication)



## Architecture

IDEX (Independent Dual Extruder system)  
Developed and optimized by BCN3D for 7+ years



## Print modes

Duplication mode, Mirror mode, Multimaterial mode, Soluble supports mode



## Open filament system

BCN3D certified profiles for: PLA / ABS / BVOH / TOUGH PLA / PVA / PET-G / PA / TPU / PP / PP GF30 / PAHT CF15



## Safety features

Hepa filter  
Carbon filter  
Safety pause  
Filament runout sensor



## Filament diameter

2,85 +/- 0,05mm



## Hotends

Hotend Family: 0,4mm (Default) / 0,6mm / 0,8mm / 1,0mm / Hotend X 0,6mm



## Automatic Calibration System

Based on a piezoelectric sensor



## Build Chamber

Fully enclosed  
Passive Heated Chamber up to 60°C



## Extrusion system

Bondtech™ high-tech dual drive gears



## Connectivity

Offline printing: SD card  
Online printing: Wifi or Ethernet



## BCN3D Cloud

Digital Library, Queues, Workflows, Teams, roles and permissions, Statistics (Different plans available)



## Slicer

Free BCN3D Stratos



## Screen

Full Color Capacitive Touchscreen 5"



## Printing volume

W50: 420x300x400mm  
W27: 420x300x220mm



## Minimum layer height

0,05 mm



## Max. printing temp.

280°C



## Max. Heated bed temp.

120°C



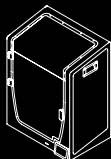
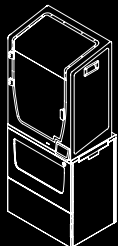
## Certificates

CE / FCC



## Smart Cabinet

Humidity-controlled environment / Uninterruptible power supply (UPS) / Tools always in the correct place / Wheels for easy transportation / Load materials from cabinet.



Epsilon W50 SC  
**9.995€ / 11.495 \$**

Epsilon W50  
**6.995€ / 7.995 \$**



Epsilon W27 SC  
**7.995€ / 9.495 \$**

Epsilon W27  
**4.995€ / 5.995 \$**