

epsilon



Industrial power on your workbench



The Epsilon Series is a powerful professional 3D printing solution, designed to deliver 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 with quality and precision, while the Smart Cabinet (SC) boosts your printers' performance, keeping your materials in optimal condition and significantly improving each print's quality.

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
Multilingual 5" touchscreen
Humidity-controlled environment



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 / 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

Full-metal designed and manufactured by e3D™.
Hotend Family: 0,4mm (Default) / 0,6mm / 0,8mm / 1,0mm / Hotend X 0,6mm



Smart Cabinet

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



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



Professional Software

Free BCN3D Cura



Screen

Full Color Capacitive
Touchscreen 5"



Printing volume

W50: 420x300x400mm
W27: 420x300x220mm



Minimum layer height

0,05 mm



Max. printing temp.

280°C



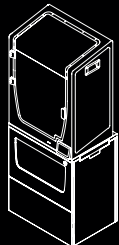
Max. Heated bed temp.

120°C



Certificates

CE / FCC



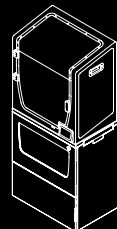
Epsilon W50 SC

8.995€



Epsilon W50

6.995€



Epsilon W27 SC

6.995€

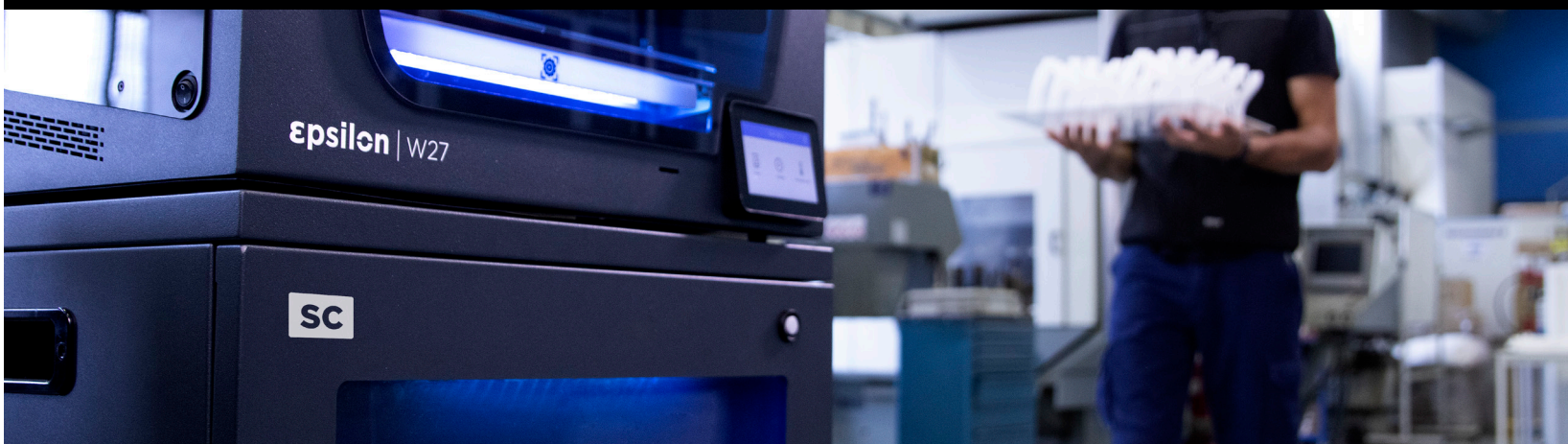


Epsilon W27

4.995€

Quality above quantity

Designed and manufactured in Barcelona.



More information: www.bcn3d.com/bcn3d-epsilon
Find a local reseller: www.bcn3d.com/reseller

