

INSPIRE

3D PRINTERS



With your Inspire 3D Printer you can start printing professional and functional parts in tough ABS plastic right on your desk.



The Inspire® range of Rapid Prototyping 3D Printers from TierTime Technology Co. Ltd founded in 2003 are the largest producer of 3D Printers in the Chinese market. Backed by 10 years of R&D, the Inspire range of 3D Printers offers you affordable professional 3D Printers that can produce high quality and durable ABS 3D models for prototyping or end-use parts.

The Inspire® 3D Printers can run unattended, they require little maintenance and do not need hazardous chemicals to remove support material.

Smart Support Material - Snap off

The Inspire® range of 3D Printers can run in two modes.

Single nozzle mode, creates parts in higher resolution, both the part and support are printed in the same tough ABS plastic and support is break away.

Dual nozzle mode, creates the part in tough ABS and the support material in an easier to break away ABS plastic.

Make strong quality parts in just 3 easy steps.

- 1 Design your part.** Create your model in your favourite 3D CAD software and export as an STL file.
- 2 Click "print"** using the included Smart 3D Printer software. The software automatically calculates required supports and prints your part in tough ABS.
- 3 Remove Supports.** Remove the completed print and simply break away any support material. No dangerous chemicals required!



SPECIFICATION	INSPIRE S200 BUILD VOLUME	INSPIRE S250 BUILD VOLUME	INSPIRE D255 BUILD VOLUME	INSPIRE D290 BUILD VOLUME
Build Volume	200x200x150mm (6 litres)	250x200x150mm (7.5 litres)	310x255x255mm (20.2 litres)	320x290x255mm (23.7 litres)
Smart Support	Yes	Yes	Yes	Yes
Heated Build Chamber	Yes	Yes	Yes	Yes
Layer Thickness with 1 nozzle	150 micron / 0.15mm	150 micron / 0.15mm	150 micron / 0.15mm	100 micron / 0.1mm
Layer Thickness with 2 nozzles	200 micron / 0.2mm	200 micron / 0.2mm	175 micron / 0.175mm	150 micron / 0.150mm
Systems Size mm	630(w) x 660(d) x 960(h) mm	760(w) x 730(d) x 1200(h) mm	720(w) x 850(d) x 1650(h) mm	720(w) x 850(d) x 1650(h) mm
Build Material	ABS B601 available in 6 colours			
Support Material	ABS S301 - Easy break away support material			
Operating Speed	5 - 60cm³ adjustable	5 - 60cm³ adjustable	5 - 60cm³ adjustable	5 - 60cm³ adjustable
Warranty	12 Month			
Weight	65kg	150kg	170kg	190kg
Power:	220-240V, 10A	220-240V, 10A	220-240V, 10A	220-240V, 10A
Operating Environment:	15-20°C, Humidity: 10-50% RH			
Software Compatibility	Windows® XP / Windows® 7 / Windows® 8			