

INSPIRE

3D PRINTERS



With your Inspire 3D Printer you are supplied with a complete 3D Printing System and no hidden costs.

Simply un-box and you are ready to print quality functional parts in tough ABS plastic.



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 easy break away.

Dual nozzle mode, creates the part in tough ABS and the support material in an easy 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	INSPIRE S250	INSPIRE D255	INSPIRE D290
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	960x660x630mm	1200x760x730mm	1650x850x720mm	1650x850x720mm
Build Material	ABS B601 available in 6 colours			
Support Material	ABS S301 - Easy break away support material			
Operating Speed	5 - 60cm3	5 - 60cm3	5 - 60cm3	5 - 60cm3
Warranty	12 Month			
Weight	65kg	150kg	170kg	170kg
Power:	220-240V, 1.5KW	220-240V, 1.5KW	220-240V, 1.5KW	220-240V, 2.0KW
Operating Environment:	15-20°C, Humidity: 10-50% RH			
Software Compatibility	Windows® XP / Windows® 7 / Windows 8			