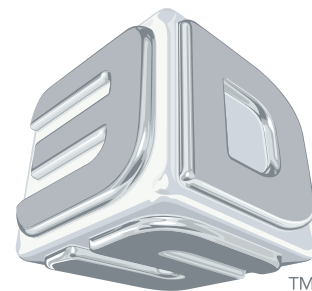


# 3D TOUCH™



**Make personal color manufacturing a reality.**  
Affordable, desktop 3D printing in the home,  
classroom and office. From under \$4,000.

Easy to set up, easy to use 3D printer

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Tablet-like user interface

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Features super large print area (up to 10 ¾ x 10 ¾ x 8 ¼ in)

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Reads directly from USB drive - no PC connectivity required

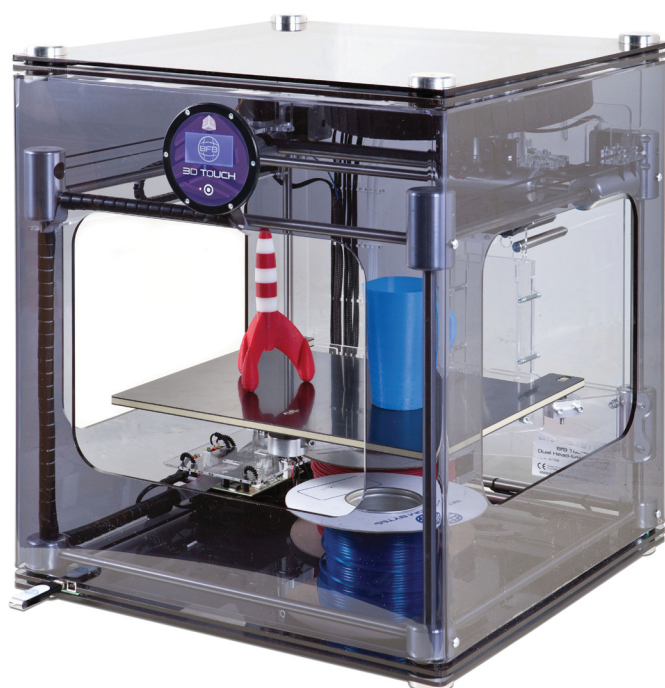
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Option of double head machine for support material,  
and triple head version for multi-material projects

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No maintenance contract necessary

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**Affordable 3D Printers and Kits**

 **Bits from Bytes**

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Clevedon | BS21 6XU | United Kingdom  
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sales@bitsfrombytes.com | www.bitsfrombytes.com



# 3D TOUCH™

## Our newest, simplest 3D printer

- Brand new touchscreen display and control panel.
- Quick to set up out of the box.
- USB storage and connectivity.

## Perfect for the office, classroom or home environment.

- Clear and open design.
- Clean, tidy nozzle and purging area - easily removable.
- Can be placed and operated anywhere (with power). Files are read from USB drive; no PC connection required.

## Complemented by Axon 2 software

- Purpose-written software easily converts your STL files ready for printing.
- Friendly and familiar user interface.

## Print complex geometries without compromise.

- Large build platform enables a wider range of 'one-print' parts.
- Multiple print heads enable multi-material prints - support material can simply be 'snapped off' (or dissolved away) resulting in a cleaner, more accurate finish.

## Easy to use and maintain, no need for maintenance contracts.

- One piece heater barrel allows easy material change.
- Minimal set up and simple calibration process

## Simple and cost-effective machine upgrades.

- Electronics configured to accommodate up to three heads - a single head machine can be easily upgraded to a two or three head unit affordably.
- Free firmware upgrades - benefit from software developments at no extra cost.

## Designed, engineered and built to be accurate and robust, yet simple.

- Extremely rigid, durable frame providing excellent mechanical stiffness.
- Increased z move speed and accuracy.
- Ultra-compact extruders deliver material with control and precision.



MAXIMUM BUILD SIZE	3D TOUCH SINGLE	3D TOUCH DOUBLE	3D TOUCH TRIPLE
<b>X axis</b>	275mm (10 ¾ inches)	230mm (9 inches)	185mm (7 ¼ inches)
<b>Y axis</b>	275mm (10 ¾ inches)	275mm (10 ¾ inches)	275mm (10 ¾ inches)
<b>Z axis</b>	210mm (8 ¼ inches)	210mm (8 ¼ inches)	210mm (8 ¼ inches)
Please note print size will vary from build size and is dependent on print material specifications			
<b>Z axis resolution</b>	0.125mm (0.005" / 125 microns)	0.125mm (0.005" / 125 microns)	0.125mm (0.005" / 125 microns)
<b>Print tolerance</b>	<ul style="list-style-type: none"> <li>▪ x and y axis +/- 1% of object dimension or +/- 0.2mm (0.008" / 200 microns) whichever is greater.</li> <li>▪ z axis +/- half the processed z resolution</li> <li>▪ Shrinkage and warpage can occur on models and is purely geometry dependent.</li> </ul>		
<b>Print speed extruded volume</b>	Maximum 15mm <sup>3</sup> (9/16th <sup>3</sup> ) per second print and polymer dependent		
<b>Power requirements</b>	110 – 240v AC		
<b>Approximate weight</b>	36kg (79 Lbs.)	37kg (81.5 Lbs.)	38kg (84 Lbs.)
<b>Overall dimensions</b>	515mm (w) x 515mm (l) x 598mm (h) (20 ¼ x 20 ¼ x 23 ½ inches)		
<b>Maximum operating temperature at extruder tip</b>	280°C (536°F)		
<b>Support material</b>	PLA / ABS / soluble clear translucent PLA		
<b>Support removal</b>	Break away support material with pliers and cutters or just fingers where appropriate. Clear translucent PLA is soluble in a sodium hydroxide solution used with a heated ultrasonic tank – care is required with this option.		

**Open up a whole new world of professional productivity.**

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