

Press Release**2nd December 2014****CREAT3D showcase the use of desktop 3D printing at 100% Optical.**

CREAT3D Ltd (www.desktop3dprinter.com), the independent specialist retailer of desktop 3D printers and 3D scanners will be showcasing the desktop technology in a 3D printing feature at 100% Optical 2015 from 7th to 9th February, at Excel London.

3D printing is being used in both the design and manufacture of products, in fields such as engineering, through to architecture and design. The process allows the development of unconventional shapes and geometries that are not available through traditional fabrication methods. The use of desktop 3D printers is not about replacing existing manufacturing processes but about enhancing the product design process. The technology can be used to create individual components, customised elements and one-of-a-kind items. It is particularly apt for prototype and design development, as design iterations can be quickly and easily produced, at a low cost.

CREAT3D is an independent specialist in desktop 3D printers and handheld 3D scanners. The 3D printers at this desktop level, ranging from approximately £800 to £5,000 in price, are ideal for prototyping, proof of concept and design testing. CREAT3D hand-pick all their products, focusing on providing a range of characteristics and options to customers, whilst maintaining high quality.

Whilst most extrusion based desktop 3D printers predominantly use plastic based materials, most commonly PLA and ABS, there are also more exotic ones available;

- NinjaFlex (flexible material)
- Laybrick (stone-like texture)
- woodFill (30% woodchip mixed with plastic)
- bronzeFill & copperFill (plastic containing bronze and copper particles) that polish up to the same effect as the metals
- XT (a new high-strength, low-odour co-polymer from ColorFabb)
- Dissolvable PVA (used as support structures to create more intricate designs)

There are also newer SLA (Stereolithography) based desktop 3D printers, such as the ProJet 1200 that have recently arrived on the market. The ProJet 1200 uses a resin based material that burns out cleanly for ash-free castings, making it ideal for smaller, more detailed parts and casts.

Handheld 3D scanners, such as the new Fuel3D scanner can be used in combination with 3D printers but also standalone in the design process. The Fuel3D scanner is particularly suited for smaller, more detailed scans, ideal for capturing high resolution mesh and colour information such as facial features and head shapes, the output of which can then be incorporated into the design process.

CREAT3D combine their large product offering with expert knowledge and independent advice, to help customers make an informed decision, allied to tailored training and installation packages. As standard, CREAT3D customers receive technical support 6 days a week by phone and email.

See the products in action and talk to CREAT3D experts in the 3D printing feature at 100% Optical, Excel London. Orders can be placed for products during the show. Alternatively, all products will be on display in CREAT3D's showroom in Reading, Berkshire following the event.

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CREAT3D Ltd. CREAT3D is a specialist retailer of desktop 3D printers, 3D scanners and accessories. The company, which began in 2012, is based in Berkshire and operates within the United Kingdom. CREAT3D's showroom is open Monday to Saturday from 10.00 to 16.00, based in Caversham, Reading. CREAT3D has a hand-picked product range specifically tailored to the needs of its business and education customers. The CREAT3D team prides itself on its detailed knowledge gained through using, and challenging, its range of products every day. CREAT3D focuses on offering first-class customer service with friendly, straight-forward help and advice, with technical support available Monday to Saturday and tailored training packages.

Further information about CREAT3D Ltd can be found here

Web: www.desktop3dprinter.com

Facebook: <http://www.facebook.com/CREAT3DprintersUK>

Twitter: <http://twitter.com/CREAT3Dprinters>

Google+: google.com/+Desktop3dprinter

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