



Touch™ 3D stylus

Hands-on digital.

Includes
Cubify® Sculpt™
software



Visit www.cubify.com/Touch for more information



Touch 3D stylus key features

- **Grab hold of your ideas** Until now, your digital ideas remain on the screen unless materialized with 3D printing. What if you could *touch* these objects before you print them? Using haptic technology, Touch turns digital experiences into tactile sensations. Pressure, balance, textures and gravity can actually be felt, designed and coded.
- **Feel the power of digital sculpting** Not everyone knows how to use CAD software, but the Touch 3D stylus brings organic modeling tools right to your fingertips. You to actually *feel* models on the screen with instant force feedback that mimics the sense of physical sculpting in virtual clay. Touch eliminates the intimidation of traditional 3D modeling.
- **Made for 3D printing** With the Touch 3D stylus, you can feel the texture and shape of your creations before 3D printing them. Touch lets you fully manipulate your design with tactile sensations in the virtual space and makes it easier and more accessible for students, designers, and artists alike to create 3D-printable files.
- **Expand your digital world** For developers, Touch connects the digital and physical worlds like never before, making tactile experiences accessible to the masses with applications in gaming, medicine, design, music, training, engineering and more. With the available software development kit (SDK) you can harness the power of the Touch to make spatially aware apps with infinite possibilities.

Cubify Sculpt key features

- Import: STL, OBJ, PLY, CLY to edit. Export: STL, OBJ, PLY, CLY, ZPC
- Cubify Sculpt saves as a 3D print-ready STL.
- Deform and reform your model by compressing and expanding whole objects.
- Emboss with patterns and textures with Cubify Sculpt's library or import your own.
- Add color with the paintbrush feature. Get your full-color design cloud printed with Colorstone material.

Touch 3D stylus tech specs

- **Dimensions:** 5.5 in diameter x 7 in height
- **Interface:** USB 2.0 full-speed interface
- **Power:** 100/240V 50/60 Hz 1 Amps (output DC 18V 2.2 A, 38 Watts max)
- **Operating system:** Windows 7/ Windows 8/ Linux/ Mac OS (future)
- FCC certified
- 6-degree-of-freedom positional sensing 6° of freedom X, Y & Z (Digital Encoders)
- Roll, Pitch & Yaw ($\pm 5\%$ linearity potentiometers)
- Two integrated stylus buttons
- **Compact force feedback workspace:** (WxHxD) 10.45 x 9.5 x 3.5 in

Cubify Sculpt hardware recommendations

- **Intel Pentium or equivalent processor:** 2 GHz or faster
- **RAM:** 2 GB minimum
- 1280 x 1024 minimum screen resolution
- 512 MB or higher video card with OpenGL 2.1 or later
- **Color:** 32-bit
- 4 GB available hard disk space
- Touch 3D Stylus, mouse or pointing device use with

Cubify Sculpt software requirements

- Internet Explorer 6.0 or later
- .NET Framework 4.0
- OpenGL 2.1 or later
- **Operating systems:** Windows® XP/Vista/Windows 7/ Windows 8



www.3dsystems.com

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