

Freeform Modeling System

Nominal Position Resolution -> 1100 dpi (0,023mm)

Workspace 6.4 w x 4.8 h x 4.8 d in (160 w x 120 h x 120 d mm)

Backdrive Friction <0.23 oz. (0,06 N)

Maximum Exertable Force 1.8 lbf. (7.9 N)

Continuous Exertable Force (24 hrs) 0.4 lbf. (1.75 N)

Stiffness X axis > 10.8 lb/in (1.86 N/mm)

Y axis > 13.6 lb/in (2.35 N/mm)

Z axis > 8.6 lb/in (1.48 N/mm)

Inertia (apparent mass at tip) -0.101 lbm. (45g)

Footprint 5 5/8 w x 7 1/4 in d (-143 w x 184 d mm)

Weight* 6 lb 5 oz.

Operating Temperature 50° to 95°F 10° to 35°C

Storage Temperature -40° to -149°F -40° to 65°C

Relative Humidity 20% to 80% (noncondensing)

Force Feedback 3 degrees of freedom (x,y,z)

Position Sensing x,y,z (digital encoders); [stylus gimbal - pitch, roll, yaw (+/- 3% linearity potentiometers)]

Input Voltage 100-250 VAC

Input Frequency 47-63 Hz

Input Current 2A @ 115 VAC 1A @ 230 VAC

Warranty Three months
