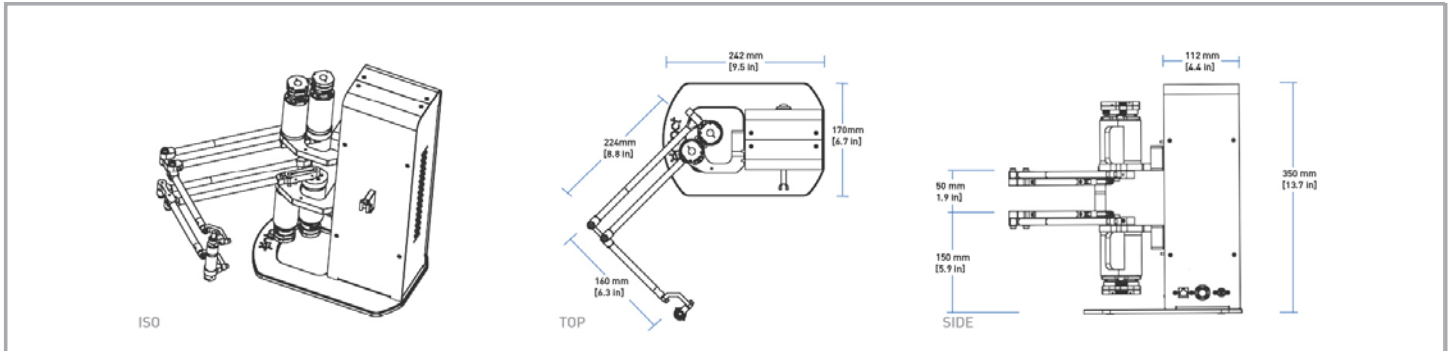


Entact W-Series™

HAPTIC INPUT DEVICE



TECHNICAL SPECIFICATIONS

High Bandwidth Response - Delicate Rendering - Low Friction and Mass

WORKSPACE		
ENVELOPE	135 mm X, 150 mm Y, 150 mm Z	
ROLL	+/- 50 deg roll	
PITCH	+/- 50 deg pitch	
AVAILABLE DOF	3-7 DOF	
NOMINAL FORCE	Continuous	Peak (instantaneous)
X, Y, Z	1.41 N	4.04 N
ROLL, PITCH	38 N.mm	112 N.mm
NOMINAL RESOLUTION		
X, Y, Z	0.0125 mm*	
ROLL, PITCH	0.021 deg*	
YAW	0.25 deg*	*Alternate resolution options available.
BACKDRIVE FRICTION		
X, Y, Z	0.005 N in	
PERCEIVED TIP MASS		
AT HOME POSITION	42 g	
SIZE AND MASS		
DEVICE DIMENSIONS (L x W x H)	242 mm x 170 mm x 350 mm (9.5 in x 6.7 in x 13.7 in)	
SYSTEM MASS	7.2 Kg	
INTERFACE		
COMMUNICATION	UDP communication via Ethernet. Gumstix Overo based embedded system running Linux OS & open source firmware. Open-source API for Windows, MAC OS and Linux. Compatibility with sesographics H3D API.	
UPDATE RATE	1000 Hz (Adjustable to 5 KHz with support).	
FEATURES		
OVERVIEW	Mechanical gravity balancing over workspace. Simple interface for custom handle attachments. Direct-drive actuation gives the Entact W-Series very high force compliance with zero backlash. Capable, user configurable software & hardware interface.	

Contact us today for pricing and a free 30 minute technical assessment: **1-800-301-3863**