

Property	Premium 1.5		Premium 1.5/6DOF	Premium 1.5 High Force	Premium 1.5 High Force/6DOF	Premium 3.0/6DOF
	<b>Workspace</b>	<b>Translational</b>	15 W x 10.5 H x 7.5 D in 381 W x 267 H x 191 D mm	15 W x 10.5 H x 7.5 D in 381 W x 267 H x 191 D mm	297 degrees/5.18 radians 260 degrees 4.54 radians 335 degrees/5.85 radians	297 degrees/5.18 radians 260 degrees 4.54 radians 335 degrees/5.85 radians
<b>Range of motion</b>	<b>Rotational</b> Yaw Pitch Roll	297 degrees/5.18 radians 260 degrees 4.54 radians 335 degrees/5.85 radians	297 degrees/5.18 radians 260 degrees 4.54 radians 335 degrees/5.85 radians	Lower arm movement pivoting at elbow	Lower arm movement pivoting at elbow	Full arm movement pivoting at shoulder
<b>Nominal position resolution</b>	<b>Translational</b>	860 dpi/0.03mm	3784 dpi/0.007mm	0.0023 degrees/0.00004 radians 0.0080 degrees/0.00014 radians	0.0023 degrees/0.00004 radians 0.0080 degrees/0.00014 radians	> 1000 dpi/~0.02mm
<b>Maximum exertable force and torque at nominal position (orthogonal arms)</b>	<b>Translational</b>	1.9 lbf/8.5 N	8.4 lbf/37.5 N	73 oz-in/515 mNm 24 oz-in/170 mNm	73 oz-in/515 mNm 24 oz-in/170 mNm	4.9 lbf/22 N
	<b>Rotational</b> Yaw & Pitch Roll	20 lbf in <sup>-1</sup> 3.5 N mm <sup>-1</sup>	20 lbf in <sup>-1</sup> 3.5 N mm <sup>-1</sup>	20 lbf in <sup>-1</sup> 3.5 N mm <sup>-1</sup>	20 lbf in <sup>-1</sup> 3.5 N mm <sup>-1</sup>	5.7 lbf in <sup>-1</sup> 1 N mm <sup>-1</sup>
<b>Stiffness</b>		x, y, z	x, y, z	x, y, z, Tx, Ty, Tz	x, y, z, Tx, Ty, Tz	x, y, z, Tx, Ty, Tz
<b>Force feedback</b> (6 degrees of Freedom)		x, y, z, roll, pitch, yaw	x, y, z, roll, pitch, yaw	x, y, z, roll, pitch, yaw	x, y, z, roll, pitch, yaw	x, y, z, roll, pitch, yaw
<b>Position sensing/input</b> (6 degrees of Freedom)		Parallel port	Parallel port	Parallel port	Parallel port	Parallel port
<b>Interface</b>		Encoder gimbal	HF Encoder gimbal	Thumb pad (pinch), scissors	Thumb pad (pinch), scissors	Thumb pad (pinch), scissors
<b>Optional end effectors</b>		Encoder gimbal	HF Encoder gimbal	Thumb pad (pinch), scissors	Thumb pad (pinch), scissors	Thumb pad (pinch), scissors