

Scheduled Availability: Q2 '07



New 7 DOF option for PHANTOM® 6DOF devices:

- 7 DOF positional sensing
- 6 DOF haptic feedback

A new handle design for the PHANTOM 6 DOF family of haptic devices* enables attaching interchangeable end effectors that provide pinch functionality. Take advantage of all the benefits of a full 6 DOF haptic controller plus a new option to add two different pinch grips. The new handle will also be available for existing 6DOF systems with a factory-based retrofit.

** 1.5/6DOF, 1.5HF/6DOF and 3.0/6DOF*

New redesigned handle that enables:

- Easy interchange of end effectors
- Customization of end effectors of your own design
(Technical specification drawing available upon request)

The new handle for the PHANTOM 6 DOF family of haptic devices makes it easy to snap-on different end effectors. Choose the new optional end-effectors from SensAble or design and create your own.



PHANTOM 1.5 High Force/6DOF with pinch end effector and palm seat



Redesigned 6DOF handle with end clip open

New snap-on accessories from SensAble – Pinch & Scissors

The pinch and the scissors are the two new snap-on end effectors for the redesigned 6DOF handle. Both accessories have a comfortable workspace, high position resolution, and are fully compatible with the OpenHaptics® toolkit.

Technical Specifications:

- Pinch Workspace: 45 deg.
- Position Resolution: <0.1 deg.
- Calibration: open & close once



Pinch snap-on end effector with palm seat



Scissors snap-on end effector

Product specifications are for version 1.0 of the pinch functionality. Availability and product specifications are subject to change without notice.

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