



# Immersion

*With the CyberTouch™ vibro-tactile feedback option, you can now add touch feedback to CyberGlove®, the industry-leading hand-sensing product.*

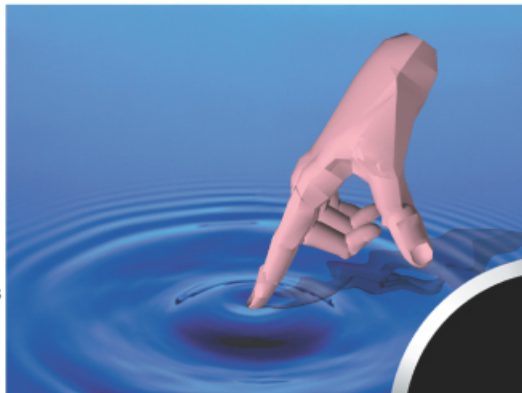
intensity is proportional to ground-density data, water content, magnetic field strength, hazard proximity, or even light intensity.

The CyberTouch system consists of six small, lightweight vibro-tactile simulators, one on each finger and one on the palm of the CyberGlove. Each simulator can be individually programmed to provide the desired feedback level.

The simulators can generate pulses, sustained vibration, or customized actuation functions. Software developers can program the CyberTouch simulators in combination to produce spatio-temporal tactile feedback patterns simulating movement or fluid flow across the hand.

## CyberTouch™

The CyberTouch feedback option enables CyberGlove users to manually experience virtual worlds, feeling physical vibro-tactile sensation from interaction with computer generated 3D objects. It creates a more realistic environment for users, enabling them to experience how a virtual object moves and responds to interaction. CyberTouch can also be used for data visualization to “touch” non-objects, such as where vibrational



*CyberTouch Feedback Option*



### Specifications

- Vibro-tactile Stimulators: 6; one on each finger, one on palm
- Vibrational Frequency: 0-125 Hz
- Vibrational Amplitude: 1.2 N peak-to-peak at 125 Hz (max)
- CyberGlove: One size fits most; 5oz; 10 ft glove cable standard. (Sensor Specifications same as the standard CyberGlove)
- Instrumentation Unit: 10.00" x 6.25" x 2.75"; 30oz
- Interface: RS-232 (115.2 kbaud max)

### About Immersion Corporation

Founded in 1993, Immersion Corporation develops hardware and software technologies that enable users to interact with computers using their sense of touch. In 2000, Immersion acquired Virtual Technologies (VTi) and its products, including CyberTouch.

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