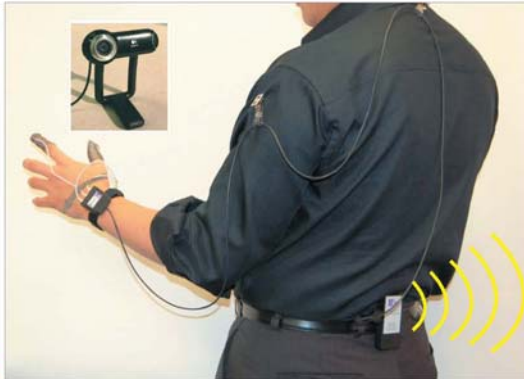
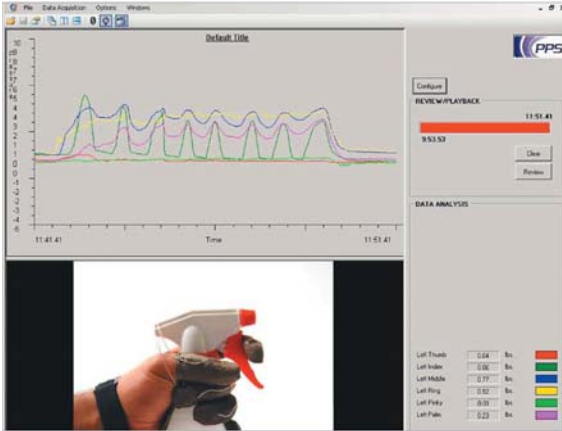


FingerTPS™ Wireless Tactile Force Measurement System

The new **FingerTPS™** system utilizes highly sensitive capacitive-based pressure sensors to reliably quantify forces applied by the human hand(s). It is the only practical and comfortable sensor solution that also connects wirelessly to your PC. The sensors are even user configurable. Precise force data and video images can be captured and displayed in real-time via PPS' powerful new **Chameleon** software, which has Tivo®-like versatility in recording time-series, average and peak force measurements.



Real-time video is captured directly to your PC and plays simultaneously with force measurements and graphics.



Key Features & Benefits

- **Comfortable** tactile sensors that are wearable on the hand.
- **User configurable** with up to 6 capacitive sensors per hand.
- **Video** recording, editing, and playback are synchronized with tactile data.
- **Wireless Bluetooth** connectivity allows user mobility and freedom.
- **Simple calibration** procedure using a reference force sensor.
- **API** available for custom configuration and system integration.

All FingerTPS Systems include
Any 2 FingerTPS sensors
1 signal conditioning wrist assembly
Rechargeable wireless interface module
Chameleon visualization software
Hi-res USB 2.0 video camera
Calibration load cell
Sensor Types and Sizes
Finger (Small / Medium / Large)
Thumb (Small / Large)
Band-aid shape (Small / Large)
Palm (one size)

Standard Specifications	
Sensor Thickness	2 – 3 mm
Full Scale Range	10 – 50 lbs (4.55 – 22.73 kg)
Sensitivity	0.1 lbs (.045 kg)
Temperature Range	0 - 50
Repeatability	< 4% FSR
Creep @ 3 lb load (FSR)	2% @ 1 sec, 8% at 10 sec
Scan Rate	40 Hz
Power	USB rechargeable
Operation Duration	~ 4 hours

Contact PPS for academic and bulk discounts.