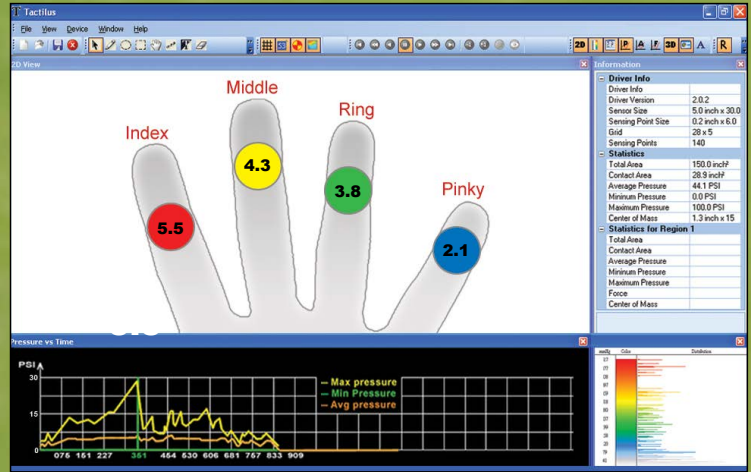




Glove Sensor



Screenshot of Tactilus® Software

*Never before has it been so easy, economical and accurate to measure grip pressure digitally.*

## Benefits

- ▶ More durable than other electronic sensors
- ▶ More sensitive than other electronic sensors
- ▶ Fully immune to electronic interference
- ▶ Completely waterproof

## System Specifications

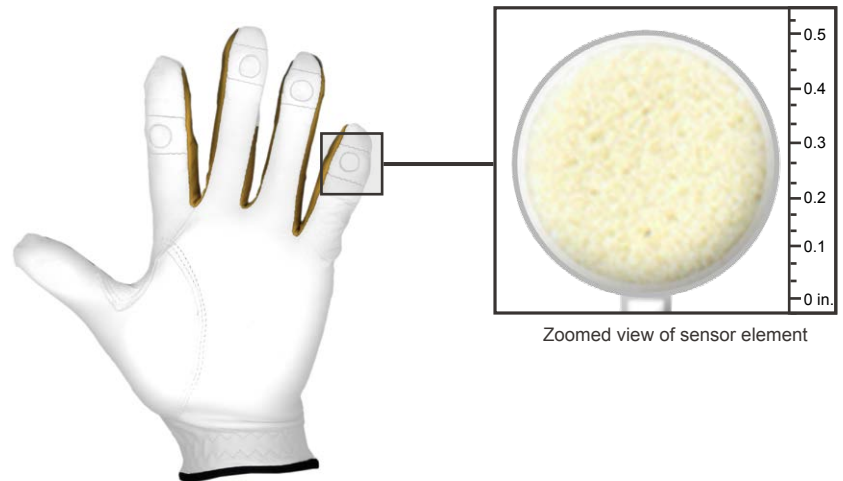
Technology	Piezoresistive with Air Pressure Bladder/Transducer
Maximum Force	9.04 lb (4.1 kg)
Pressure Range	0 - 100 psi (0 - 7 kg/cm <sup>2</sup> )
Sensing Points	4 Points Per Glove
Scan Speed	1,000 Hz
Glove Sizes	S, M, L, XL
Battery Type	CR1620 (5.0 V) (1.5 mA)
Sensor Diameter	0.39 in. (10 mm)
Sensor Thickness	0.19 in. (5 mm)
Air Tube Outside Diameter	0.04 in. (1 mm)
Air Tube Inside Diameter	0.02 in. (0.5 mm)
Accuracy	N/A
Repeatability	± 4%
Hysteresis	N/A
Non-linearity	± 0.2%

### Tactilus® Technology

*The only functional glove based grip pressure sensor*

Tactilus® is a unique air bladder based sensor system that provides an unprecedented combination of accuracy, repeatability and reliability in the surface sensing world. Essentially an “electronic skin” that records and interprets pressure distribution and magnitude between any two contacting or mating surfaces and assimilates that data collected into a powerful, yet user-friendly, Windows® based tool kit. Each Tactilus® sensor is carefully assembled to exacting tolerances and individually calibrated and serialized. The architectural philosophy of Tactilus® is modular allowing for portability, easy expansion, and simultaneous data collection of up to 6 discrete sensor pads. Tactilus® employs sophisticated mathematical algorithms that intelligently separate signal from noise. Our proprietary sensor design ensures the most robust sensor in the industry - an investment that will sustain thousands of uses.

### Sensor Glove and Individual Sensor Points



Zoomed view of sensor element