



## Pressure Profile Sensing - TactArray

### Description

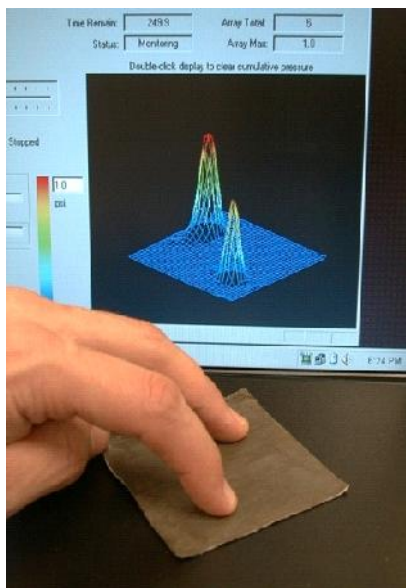
The TactArray distributed pressure measurement technology enables a two-dimensional array of pressure sensing elements in a thin, continuous sheet. Using a simple but powerful capacitive approach, PPS tactile sensors offer industry-leading sensitivity and repeatability with a wide variety of options for design. Data from the sensors is conditioned using PPS Interface Electronics and the TactArray software, provides real-time visualization of resulting pressure map and allows for data analysis, capture and extract.



*Typical TactArray System*

The system is available in a wide variety of sensor materials in order to accommodate a range of applications and provides data of pressure at specific points across the sensor area, as opposed to an average pressure. The sensor can be developed and manufactured to suit the customers requirements or there are a range of previously manufactured sensors that might be suitable for the clients application therefore saving additional development costs for a new product.

Quadratic and PPS will be happy to discuss your requirements and establish a suitable product for your application. The system is typically provided with the following items:



*Chameleon Software  
Screen Shot*

### TactArray System

- Sensors as per order (with attached cable)
- T4500 signal conditioning electronics unit
- USB cable (connecting T4500 to PC)
- High resolution USB webcam
- WiFi option available (requiring WiFi module and battery pack)