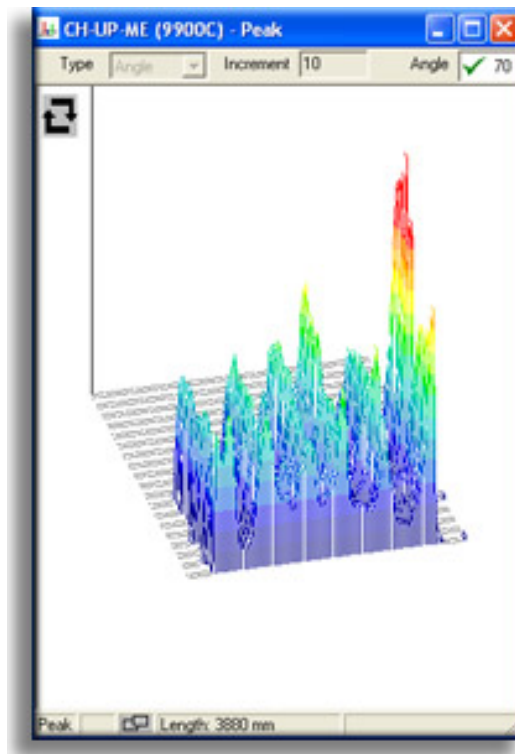


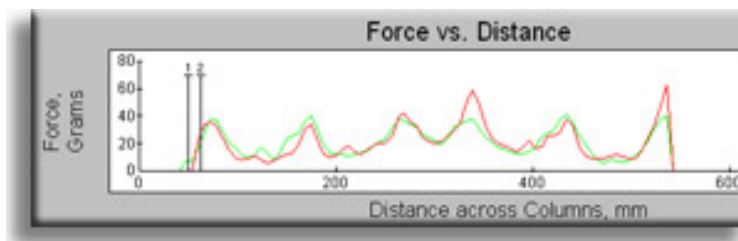
Wiper™ to Windshield Force Measurement System

System Overview



Software Features

- Merge multiple static measurements
- Display real-time and recorded data as 2-D and 3-D images
- Play-back force "movies"
- View data frame-by-frame
- Link digital images to force data
- Export data in ASCII format
- Display data frame-by-frame, single, and/or multi-frame
- View and compare multiple tests simultaneously
- And much, much, more!



Software Display
 3-D view of wiper blade sweep test - wiper measurements taken at multiple angles (above); Comparison of blade force at two different angles (left)

Data Acquisition Electronics and Sensor to PC Interface

Every Tekscan Industrial system, including *Wiper*, uses a specially designed sensor interface electronic called a "handle". The handle connects to the sensor, gathers the data from the sensor, and then processes and sends this data to your computer. The handle also connects to an interface on your PC. Tekscan offers a variety of PC interfaces including USB or Parallel electronics. Each interface product embodies sophisticated microprocessor based circuitry to control scanning sequence and frequency, adjust sensitivity, and optimize the performance of our sensors.

Sensor Description

Model #[9901](#),

Model #[9920](#)

Spatial Resolution: 4.0
sensels/linear in (1.57
sensels/linear cm)

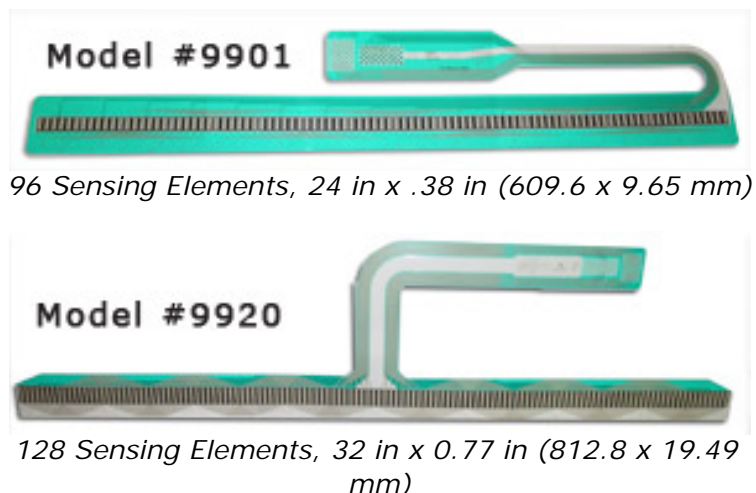
Technology: Resistive

Calibration: With
application of controlled
device

Sampling Rate: 10 Hz

Pressure Range: 0 - 10
PSI

Sensor Thinness:
0.004 in (0.1 mm)



The *Wiper* system comes standard with:

[Equilibration/Calibration Devices](#) - Pneumatic devices apply a uniform pressure to the active area of a sensor to normalize output of each sensing element. The system electronically compensates for variation in individual sensing elements.

Related Products & Options

Wireless Capability - Enables a wireless connection between your sensor/handle and your PC allowing for ultimate flexibility in data acquisition.

[System Overview](#)

To Request More Information or a Demonstration- [click here](#)

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