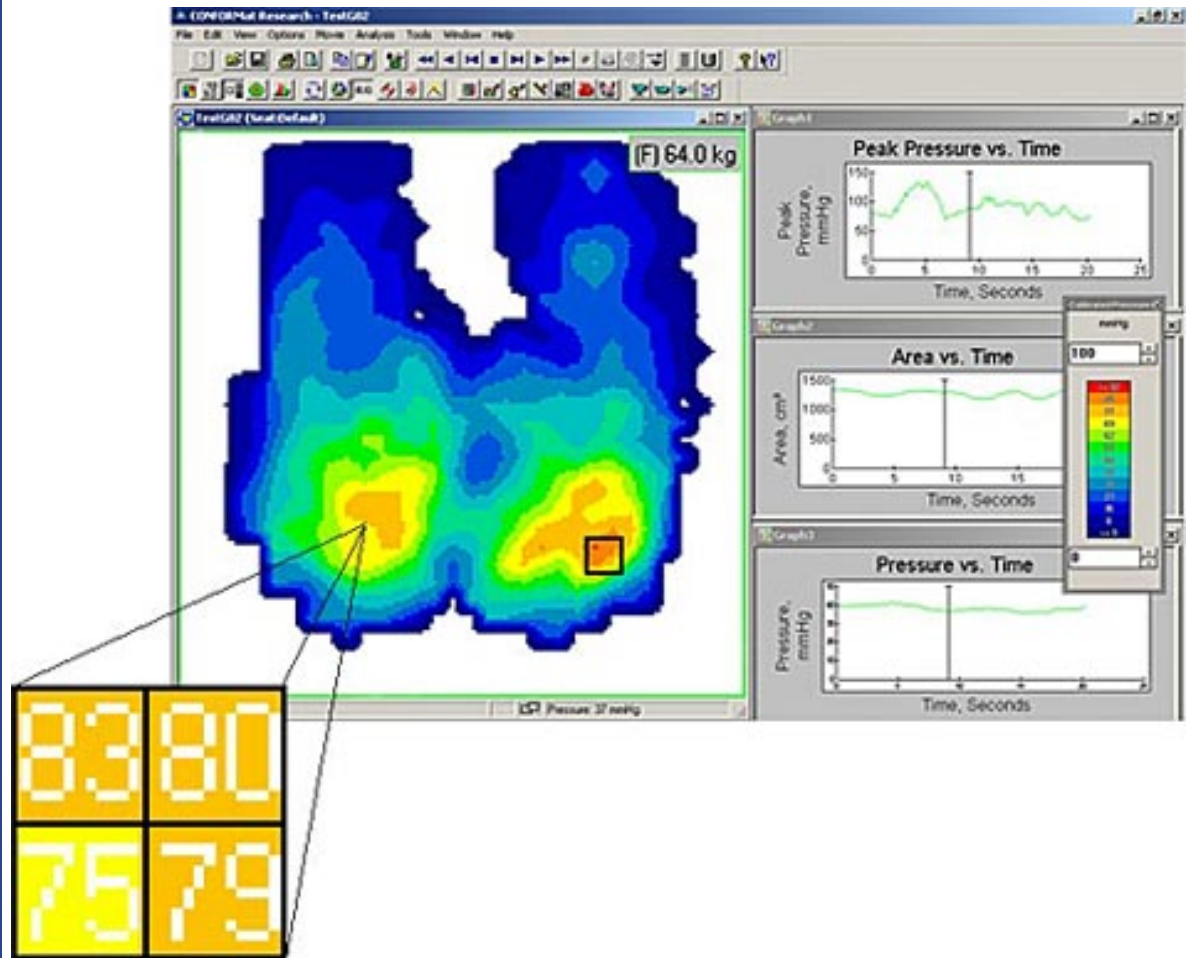


## The CONFORMat<sup>®</sup> System Features

### [System Overview](#)



#### Software Display

Tekscan's Pressure mapping software allows the user to easily identify high pressure areas (in red), view contact area and pressure and graph the results. Pressure on the individual sensels can be assessed numerically (box, above), easing the identification of peak pressure areas.

#### Software Features

- Capture dynamic pressure distribution
- Play-back pressure "movies"
- Display real-time and recorded data as 2-D and 3-D images
- Display of pressure, force, and area curves over time
- Export ASCII file capability
- Display data frame-by-frame, single, and/or multi-frame
- Isolate and analyze specific regions
- Display Center of Force and its trajectory
- View and compare multiple tests simultaneously
- And much, much, more!

#### Sensor Description (Model [#5330](#))

The sensing elements move independantly in the X, Y, and Z directions

**Spatial Resolution:** 0.5 sensel/cm<sup>2</sup> (3 sensels/in<sup>2</sup>)

**Technology:** Resistive

**Calibration:** With application of controlled device

**Pressure Range:** 0-250 mmHg (0-5 PSI)

**Sensor Thickness:** 1.78 mm (0.07 in)

## Sensor Configuration

**Sensing Area (1 Mat):** 471.4 mm. x 471.4 mm. (18.56 in. x 18.56 in.)

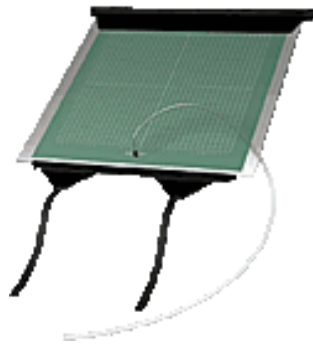
**Number of Sensing Elements (1 Mat):** 1,024 Sensels

**Size of Sensing Area (2 Mats):** 942.8 mm. x 471.4 mm. (37.12 in. x 18.56 in.)

**Number of Sensing Elements (2 Mat):** 2,048 Sensels

## The Vacuum Calibration System

A portable system which applies a uniform pressure to the active area of the sensor to normalize output of each sensing element.



Simple to use:

1. insert the sensor
2. push a button to start the vacuum pump
3. dial in a pressure
4. go through the simple software menu to calibrate the sensor

## Related Products & Options

**Video Synchronization<sup>TM</sup>** - Synchronize and play back both video and pressure data simultaneously to review saddle fit during use.

**Wireless Capability** - Wireless connection available between the 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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