Tactilus® FREE FORM-T®
Sensor System

The Tactilus® Free Form-T® surface temperature measurement system allows the user unprecendented ease and economy in **mapping heat distribution between contacting surfaces.**

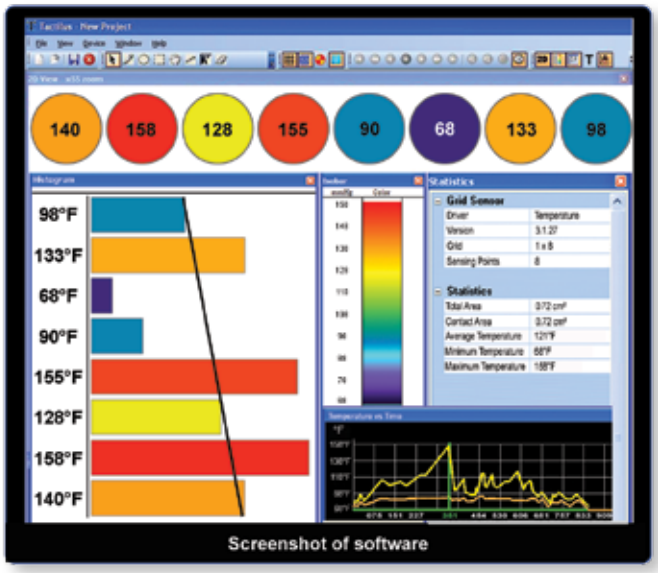
Single Temperature Sensing Point

Salient features:

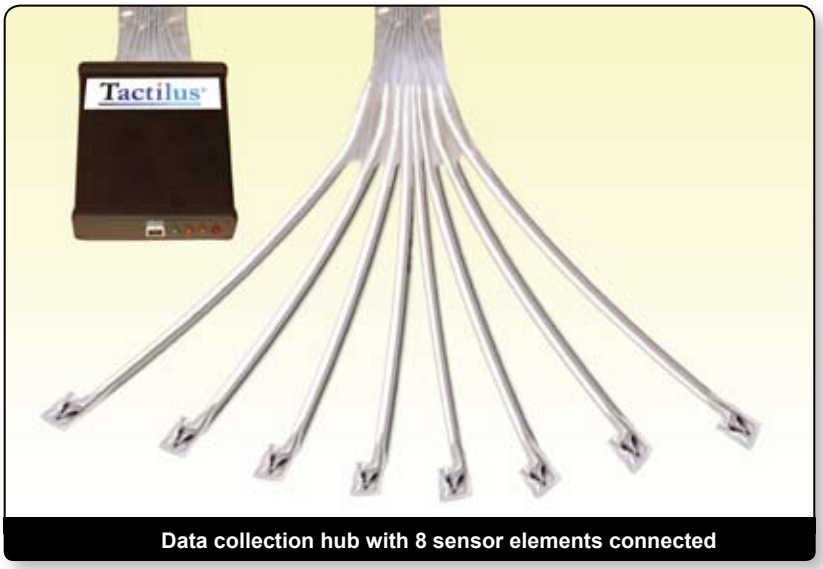
- 8 Individual sensor elements connect to one USB based data collection unit.
- Powerful Windows based software quickly assimiliates data into easy to read graphics.

Tactilus Free Form-T® consists of a series of 8 sensing points, that interact with a single data collecting hub. These sensing points are placed at discrete positions selected by the user, between any two contacting surfaces. The element collects and feeds back to the computer spot tactile surface temperature data that can be used to create a surface temperature "map."

Tactilus® Free Form-T® is ideally suited for invasive intolerant and inaccessible environments where traditional infrared cameras can't be used. Tactilus® is an extremely easy interface that records and analyzes data using just one single screen.



Screenshot of software



Data collection hub with 8 sensor elements connected

SENSOR SPECIFICATIONS

Technology	Thermistor
Temperature Range	68° - 158° F (20° - 70° C°)
Sensing Points	8
Scan Speed	Up to 10 hertz
Sensor Dimensions	3 mm x 3 mm
Thickness	2 mm
Accuracy	± 10%
Repeatability	± 2%
Hysteresis	± 5%
Nonlinearity	± 1.5%

System includes: sensor elements, electronic controller, software and cables.

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