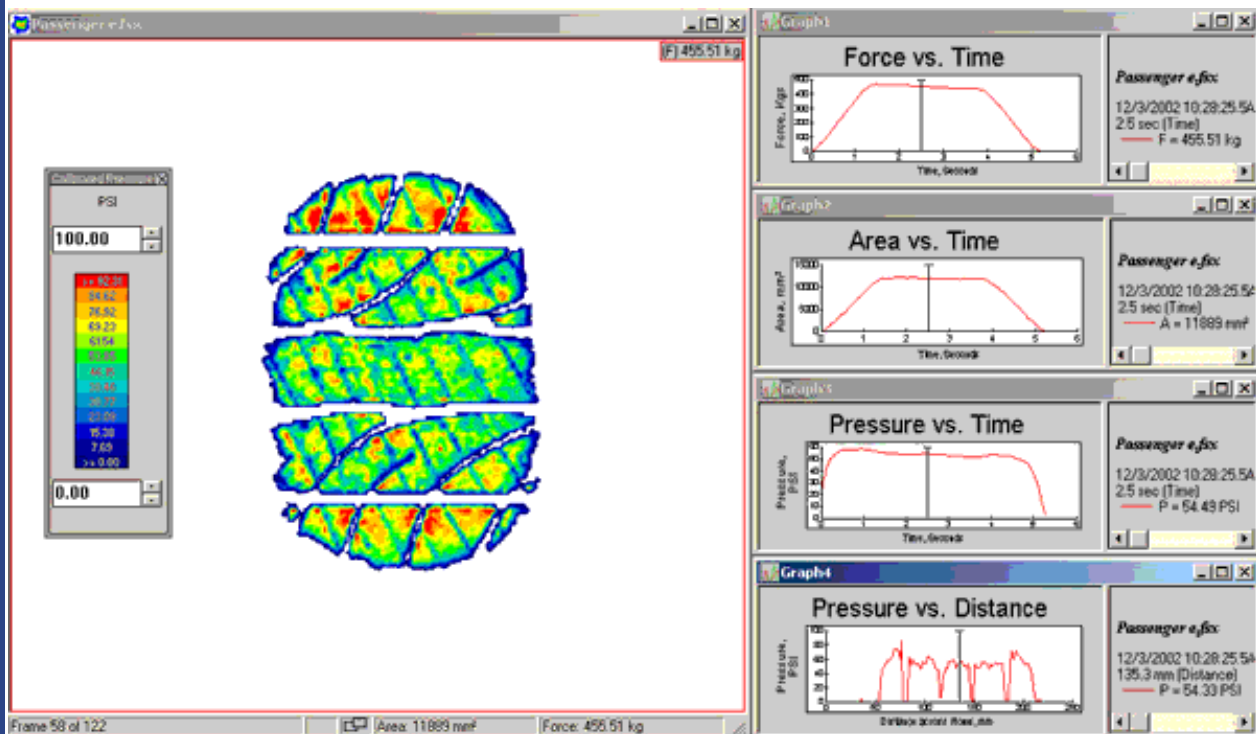


TireScan™ System Features

[System Overview](#)



Dynamic tire footprint pressure output and graphs showing many aspects of pressure data

Software Features

- Capture dynamic force, pressure, and contact area data
- Record data as "movies"
- Play-back pressure "movies"
- Display real-time and recorded data as 2-D and 3-D images
- Plot pressure, area, and force data over time and distance
- Export ASCII file capability
- Ability to isolate and analyze specific areas
- View and compare multiple tests simultaneously
- And much, much, more!

[Data Acquisition Electronics and Sensor to PC Interface](#)

Every Tekscan Industrial system, including *TireScan*, 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 through a PCI card. Each interface product embodies sophisticated microprocessor based circuitry to control scanning sequence and frequency, adjust sensitivity, and optimize the performance of our sensors.

Sensor Options

Refer to our [Industrial Catalog](#) for complete sensor listing.

Sensor Model #	Tire Type	No. of Sensing Elements	Spatial Density (Measured in sensels/ unit ²)	Spatial Resolution	Sensing Area
8050	Passenger & Truck	33,792	277.8/ir ² 43.1/cm ²	0.06 x 0.06 in 1.5 x 1.5 mm	11.6 x 10.6 in 294 x 270 mm
8000Q	Large Truck	33,792	69/ir ² 10.8/cm ²	0.120 x 0.120 in 3.0 x 3.0 mm	24.4 x 22 in 618 x 558 mm
7100Q	Off-Road	33,408	25/ir ² 3.9/cm ²	0.2 x 0.2 in 5.0 x 5.0 mm	39.6 x 36 in 1004 x 914 mm

[System Overview](#)

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

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