



Pressure Measuring Mat

Tekscan TVR8404

- Analysis of pressure distribution of car tires in wheel-to-ground contact
- 36.608 piezo-resistive sensors on a surface of 268 mm x 317 mm allow the recording of the surface pressure distribution in the tire
- Recording frequencies of up to 106 Hz allow the measurement of dynamic processes during rolling
- Extensive analysis software



Highly Dynamic Force and Vibration Measurement System

Kistler Vibration Measurement System

- Determination of the dynamic force at the vehicle chassis connecting points
- Recording of oscillating forces and moments with up to 16 sensors

Specifications:

- Range: $\pm 100 \dots 1\,000\,000$ pC
- Frequency range: 0 – 45 kHz
- Drift: max. 0,2 pC/s
- Measurement uncertainty: <1%
- Measurement signal: 0-10V
- Storage of the measuring signals by direct reading of the measuring amplifiers (via Ethernet)

