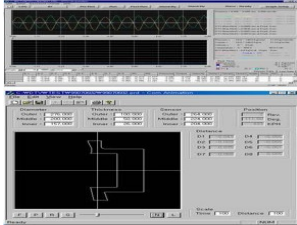


*Product*

**Disk Thickness Variation Tester (DTV)**

*Dynamic/in-car multi-channel, data acquisition system*

**Description**



ITSLab's Dynamic in-car Disk Thickness Variation tester features simple design allowing mobility while precisely acquiring accurate data on DTV and RUNOUT. Equipped with sensors that detect K type temperature, pressure, force, and acceleration it transfers the data to user-friendly MS Excel.



**Features**



**ITSLab DTV Tester features:**

- Simple design allowing mobility
- Measures while applying brake
- Simultaneous installment of up to 6 sensors
- Equipped with sensors that detect K type temperature, pressure, force, and acceleration
- Wheel motion detector (1024 ppr) and wheel slip ring (12 p)
- MS Excel data reporting compatibility

**Standard Specifications**

**Measurement range:**  
**0-2540µm**

**Measures at**  
**-driving speeds up to 125 mph**

**Accuracy: Within 0.1µm**

**FFT analysis on brake data**  
**3D graphical output**

**Linearity: Within ± 0.1% of FS**

**3 Testing modes:**  
**-standalone**  
**-dynamometer**  
**-in-vehicle**

**Temperature range:**  
**-Up to 600°C (1112°F)**

**Benefits**

