



The XMI Model 210 Rotor Thickness Variation (RTV) Measurement System is designed to measure rotor thickness variation and runout. It is used primarily in conjunction with the Los Angeles Suburban Test (LAST), and other “off brake” tests. The measurements from this model can also be used in conjunction with the L.A. City Traffic (LACT) Noise and Durability Test.

The basic Model 210 system (above) includes the Mobile Tool Chassis which contains the computer and data acquisition system; the Encoder Mounting Fixture (shown installed on the wheel on page 2); and two Probe Mounting Brackets that allow non-contact capacitive probes to record data on the inboard and outboard sides of the installed rotor.

The Model 210 system measures rotor thickness to a maximum range of 2.5 mm and provides resolution to 0.0005 mm.

The system is designed to operate without having to access the computer or the Capacitec unit directly. All power switches, probe connectors and peripheral connections are built into the tool chest for quick and easy access.



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## RTV COMPUTER

- 3 GHz Intel CPU Processor
- 1 GB Dual Channel DDR SDRAM Memory
- 160 Gb Serial ATA Hard Drive
- 19" Ultra Sharp Flat Panel Monitor
- Windows XP Pro™ OS
- National Instruments 16 bit A/D Board
- Capacitec model 4000 w/ two probes and 10' cables

### Also:

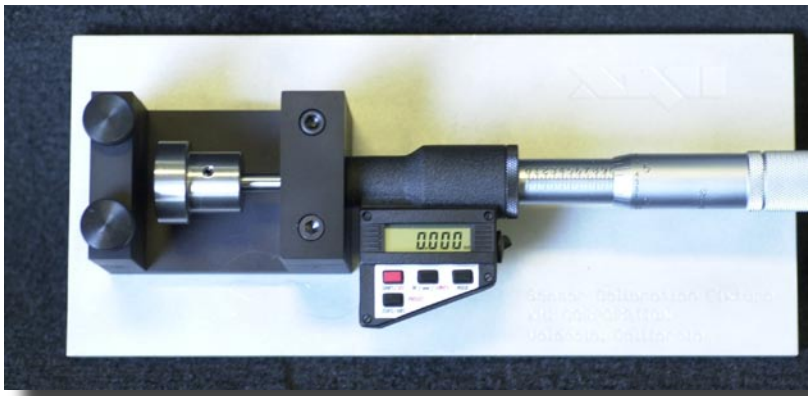
- Wireless Keyboard & Mouse
- 4 USB 2.0 Ports on the monitor
- Accucoder - 1800 PPR Encoder
- Quick release auto-centering encoder attachment
- 1 GB USB Flash Memory Drive
- XMI XPro Data Acquisition Software
- Microsoft Office 2005 Professional w/Access data base

### Options:

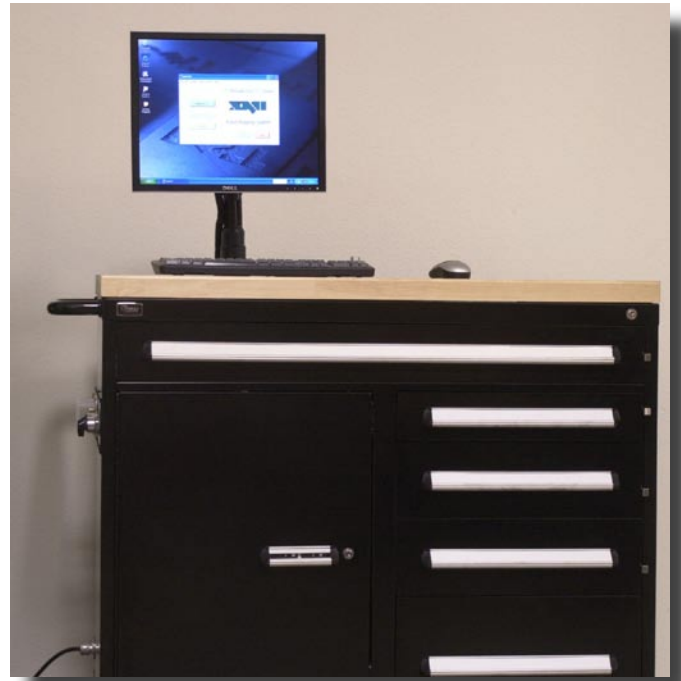
- Sensor Verification Fixture ( Page 2)
- XMI XPro Analysis Software

CUSTOMIZED SOFTWARE AVAILABLE

ISO 9001 Compliant



***XMI Sensor Verification Test Fixture - XTF001-01 (0-1")***  
Used to verify Capacitec sensors are working within tolerances prior to RTV measurements.  
***Available for sale as a separate item.***



***Model 2020-10 Table and On-vehicle Combination Unit***