REAL-TIME, ON-TIME

Scrap and part repairs are costly. Data Collection is crucial for a quick response and correction of quality issues. The feature packed LMI 595 Digital Transmitter is a simple and cost effective gauge interface to view and send vital quality data directly to a PC. The 595 is a rugged and compact device with a large LCD screen that provides direct connection to any LMI gauge. Connect the digital readout to a computer RS232 serial port via cable or optional wireless antenna and data can be collected and analyzed real time with the press of a button.
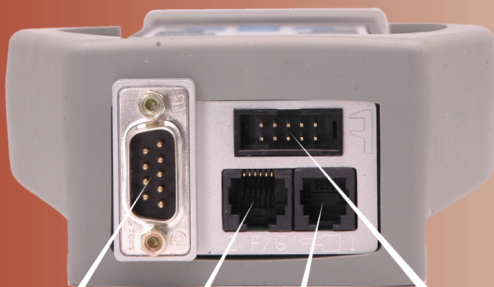
595
Digital Data Transmitter

LMI 595
Digital Data Transmitter

Features:

- ► User friendly with easy to navigate menus
- ► Large LCD
- ► Long battery life powered by 2 AA batteries
- ► On screen battery indicator
- ► Stores multiple gage calibrations
- ► Freeze readings with HOLD button
- ► Rubber boot to survive harsh manufacturing environments

- ► Stable readings feature to insure accurate measurements
- ► Multiple data export options with date/time stamps, port labels and delimiters
- ► English or Metric units displayed
- ► Replaceable cover with hand-strap and belt clip that protects the keypad

Multiple gauge interface:

Port 1 Single analog port for the LMI 200 Series Probe
Port 2 Dual analog port for a LMI 241 Series Flush and Gap gauge or LMI TP107 TruPosition gauge

Dual Purpose Digital Port

    Port 3 Digital caliper or indicator port to accept Mitutoyo Digimatic compatible tool

    Port 3 Digital TruPosition gauge interface that displays both axis readings and the true position calculation

RS232 Port for serial communication to a PC

RS232 PORT   GAUGE PORT 2   GAUGE PORT 1   GAUGE PORT 3

LMI
Linear Measurement Instruments, Corp.

595 Digital Data Transmitter
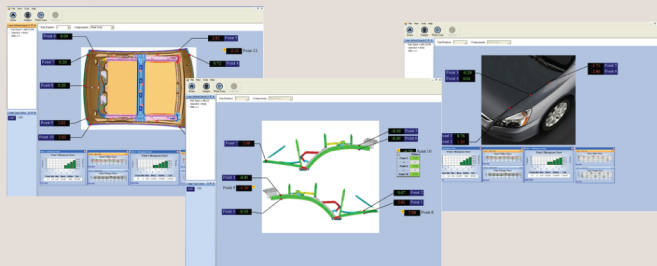
LMI 595-RF

NEW

Wireless Interface to Send Readings Directly to a PC

Eliminate the cable and roam freely (up to 200 ft line of sight) to collect your data. Simply plug one antenna into your LMI 595 RS232 port and the other antenna into the serial port of your computer and you are ready to send readings. Requires no batteries or additional power source.

LMI Universal Gauge Interface (UGI)   Software Features

For the ultimate in data collection, LMI offers the software package, Universal Gauge Interface (UGI). UGI is a comprehensive software package to develop your check routine and analyze part quality. The screen displays each measurement around a graphic that colorfully identifies whether each reading is within specification limits **GREEN** within caution limits **YELLOW**, or out of specification limits **RED** .

- ▶ New charting capability: Histogram, Xbar-R
- ▶ Easy-to-use interface: part files are easy to set up and data collection is simple
- ▶ Graphic interface: import and customize a drawing or a photo of your part
- ▶ Instantaneous part quality notification (Pass/Fail)
- ▶ Password protection to insure file integrity and control changes
- ▶ Standard data exports available as well an Export Wizard to customize your data export format
- ▶ Trace labels (operator, part#, shift, etc…): an unlimited number of user configurable inputs
- ▶ Calculations: a variety of standard calculations and functions are available to determine MIN/MAX, Rate of Change, TIR, parallelism, perpendicularity, etc.

LMI TruPosition Gauge Interface

LMI 595 to TP102/103 Interface Cable

NEW

New interface option for the LMI 595 lets you view both axis and even the live true position reading in the palm of your hand. Send all three values directly to a PC.

LMI®

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