



Model# FTP-130 Metrology System

- **3-Way System Accurately Measures:**
 - *Flatness*
 - *Thickness*
 - *Parallel*
- **Repeatable Measurements to within 0.25 microns**
- **1 or 2-Sided Parts, Small & Large Form Factors**
- **Compact, Versatile System Replaces 2-3 Gauges**
- **New Analog-Digital Display Eliminates Inaccuracies**
- **Fully Programmable Amplifier with Memory & Output**
- **Up to 2 Functions can be Displayed Simultaneously**
- **System Components:**
 - **Versatile Digital Amplifier with Multi- Display**
 - **Heavy-Duty Gauge Stand-Base**
 - **130mm Square Hardened Steel Anvil (Grooved Face)**
 - **Two Inductive Probes (1 Thickness/Parallel, 1 Flatness)**



LAPMASTER

FTP-130 Metrology System

SYSTEM SPECIFICATIONS

- Auto-Detect 230V/115V 1-Phase Electrical
- CE Compliant Amplifier & Probes
- 2 Inductive Probes Included
- Inductive Probes each have a +/- 2mm Range
- Part Thickness Range of 0.20 – 200 mm
- Measuring Accuracy to within 0.25 Micron
- 130mm Square Slotted Anvil with Integrated Vertical Probe Cavity (centered)
- Amplifier Features Analog & Digital Display
- Display is Back-Lit LCD with 'Analog' Scale and 2 Additional Digital Lines
- 2 Features can be Displayed Simultaneously
- Programmable Amplifier Features
- Amplifier Memory & Favorites Recall Features
- 2 Measuring Instrument Inputs
- Auto-Detect Mode
- Warning & Tolerance Limit LED Lamps (5)
- Static & Dynamic Measurement Capability
- 2-Way Programmability:
 - Integrated Key Pad
 - RS-232 Port Interface
- Amplifier System now Features MS-Windows Configuration Software
- Integrated Data Output Port

SYSTEM FEATURES

- Complete Capability to both Measure & Record the Flatness, Thickness and Parallel Values can replace as many as 3 Conventional Gages
- CE Compliant Design & Construction with Multi-Volt, Auto-Detect Feature
- Up to 0.25 Micron Repeatable Accuracy
- Multiple Measuring Scales Available Enables Measuring of Several 1- Sided or 2-Sided Parts
- Standard System can Measure Parts as Thin as 0.20mm, as Thick as 200mm
- Standard System, with the 130mm Square Anvil, can Measure Small, Medium & Large Parts
- System Components to Measure Larger Parts Available Upon Request
- Programmable System with Computer Interface Capabilities (both in Programming and Reporting) for ISO and SPC Production Requirements
- Durable Construction Allows use in both a Metrology-Quality Lab or in a Manufacturing Environment
- Back-Lit LCD Screen is Easy to View and Interpret in Various Conditions
- Unit is Compact, Cost-Effective and Easy to Operate



501 W. Algonquin Road
Mt. Prospect, IL 60056 USA
Phone 224.659.7101
Fax 224.659.7103
Toll Free 877.FLATNESS
Web Site www.lapmaster.com