

# MIC TRAC MEASUREMENT SYSTEMS



## Precision Calibration **MT-4000**

The MT-4000 is a calibration master. This bench top measurement device has precision written all over it. Whether checking an over-wire dimension of a threaded plug gage or just checking the precision of a dial indicator, this master equipment relies on its precision glass scales to produce the accuracy and repeatability you seek. The MT-4000 computer operates the Certifi software program that provides measurement data collection, as well as a database to track calibrations. When you need accuracy and versatility in one device, the MT-4000 is the solution. Accurate, affordable, and easy to use, this equipment is the answer.

**Threaded Rings • Threaded Plugs • Tapered Plugs  
Cylindrical Rings • Cylindrical Plugs**



### MT-4000 Features:

- Accuracy:  $\pm .00002''$  ( $0.508\mu$ ) traceable to NIST
- Resolution of  $.00001''$
- Software produces calibration certificates
- Digital readout provides measurement readings in inch or metric
- Database tracks and maintains gage history
- Versatility allows companies to meet several measurement needs
- Environment: Lab with controlled environment, 68°F (20°C), 50% RH

## MT-3000 Gage Presetting



The MT-3000 MIC TRAC is a bench mounted length measuring instrument designed to measure parts, calibrate hand held gages, and preset indicator style gages. The MT-3000 achieves its accuracy through the precision assembly of the internal glass scale, the precision linear bearing, and a set of precisely lapped measuring blocks. The scale's digital output connects directly to the unit's digital readout and displays the distance between the measuring blocks with a  $\pm .0001$ " accuracy.



**Gage Calibration  
Parts Measurement • Gage Setting**



The MT-3000 is well suited for a variety of environments. Whether placed in the Quality Lab or set up adjacent to a machine tool, the MT-3000 outperforms the competition with a number of accessories that help get the job done.

### MT-3000 Features:

- Accuracy:  $\pm .0001$ " (2.54 $\mu$ ) traceable to NIST
- Resolution of .00005"
- Force-Lok feature improves repeatability from operator to operator
- Digital readout provides measurement readings in inch or metric
- Durable construction allows use in a variety of environments
- Versatility allows companies to meet several measurement needs

## CERTIFI Your Work

CERTIFI is a gage calibration software program that integrates the MIC TRAC Calibration Center with a calibration report writer, a certificate writer, and a recall database. Integration with the TDWIN thread calculation software allows for automated calibration of your ring and plug gages. It provides full traceability and works as a single-user or enterprise-wide network version.



### Features

- Produces Calibration Reports
- Prints ReCal Stickers
- Displays Data on One Screen
- Integrates with TDWIN Thread Disk Software
- Tracks Gage Usage
- Shares Data Across Your Network



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