

# TAR-AL

## Presetting



TAR-AL **S1000** & **S1500**

METROLOGIA





# TAR-AL

## Presetting

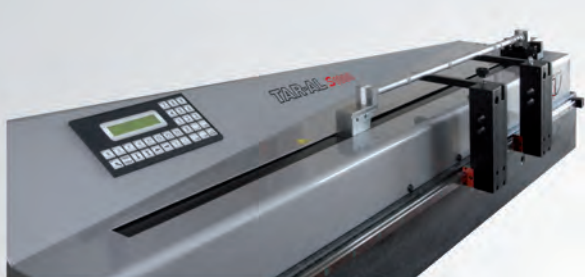
## JUST THE RIGHT GAUGE FOR CALIBRATION and ZEROING of manual measuring instruments

The TAR-AL is a PRESETTING BENCH that simplifies the setting of 2-point (ID and OD) and 3-point bore gauges. It replaces the traditional way using a lot of different rings masters and gage blocks.

Thanks to innovative adapters, a positioning error will be eliminated and the speed of presetting increased. You just input the dimension into the key board and the required mobile carriage will position itself automatically onto this position. The mobile carriage system will always stay in the desired position even when applying a force on the anvils.

The stable granite base combined with a high precision measuring system guarantees excellent measuring results. Using a tolerance table the carriage can be positioned to the selected tolerance range. This product achieves a typical return on investment of 2 years (time saving, no need to purchase ring masters and gage blocks, more precise manufactured parts).

Designed for the workshop and hostile environments, the TAR-AL can be also used in the metrological room.



### TAR-AL S1000 (40 inches)

Application range:

Internal: 1-1000 mm (0.04 - 40 in)

External: 40-1040mm (1.57 - 41 in)

Resolution: 0.0005 mm (0.000020 in)

Precision:  $U_{95} = 1,5 \mu\text{m} + L(\text{mm})/300$  or  $(0.000060 \text{ in} + L(\text{in})/11.81)$

L = Stroke length

Operating temperature:  $5^\circ \div 40^\circ \text{C}$  ( $41 \div 104 \text{ F}$ )



### TAR-AL S1500 (60 inches)

Application range:

Internal: 1-1500 mm (0.04 - 60 in)

External: 40-1540 mm (1.57 - 61 in)

Resolution: 0.0005 mm (0.000020 in)

Precision:  $U_{95} = 1,5 \mu\text{m} + L(\text{mm})/300$  or  $(0.000060 \text{ in} + L(\text{in})/11.81)$

L = stroke length

Operating temperature:  $5^\circ \div 40^\circ \text{C}$  ( $41 \div 104 \text{ F}$ )

### ELECTRONICS



Alphanumeric keyboard

LCD display with 20 characters

Stores up to 100 positions

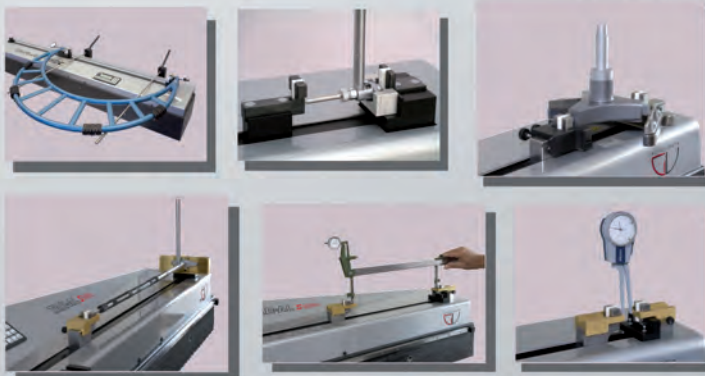
SW interface with remote PC/Printer

Connectivity and Storage via USB

### ZEROABLE MEASURING INSTRUMENTS



### APPLICATION EXAMPLES



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