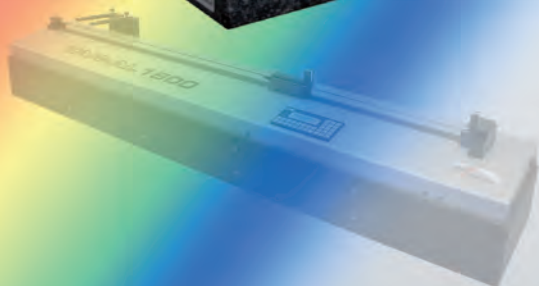
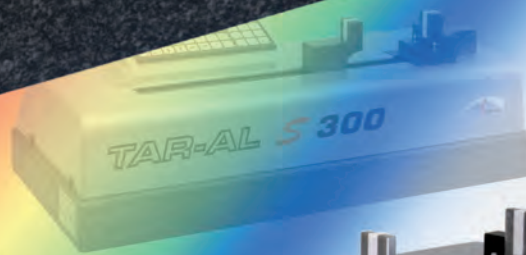
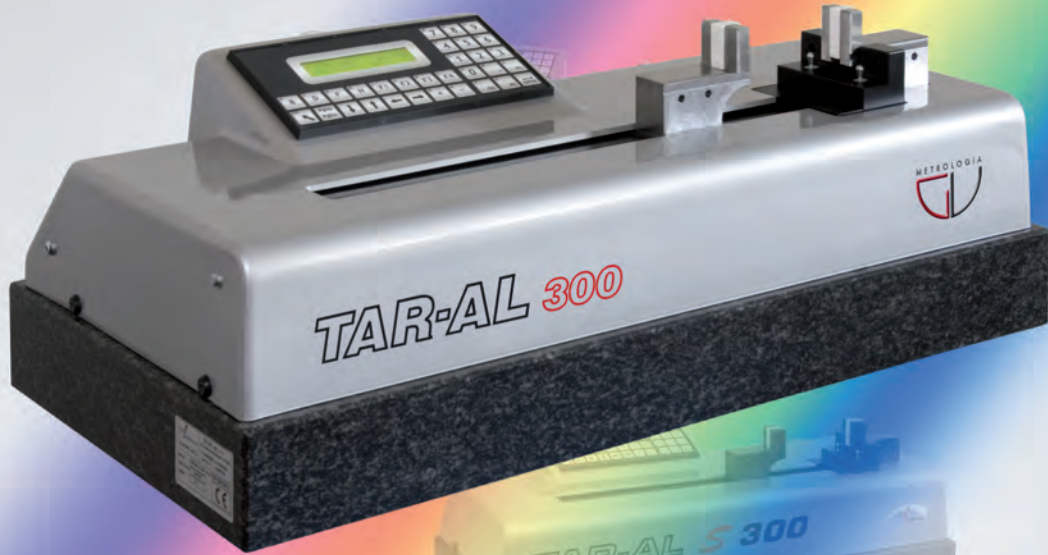


TAR-AL

Presetting



TAR-AL 300 & 500

METROLOGIA



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 300 (12 inches)

Application range:

Internal: 1 - 300 mm (0.04 - 12 in)

External: 25 - 325 mm (1 - 13 in)

Resolution: 0.001 mm (0.000040 in)

Precision: $U_{95} = 3 \mu\text{m} + L(\text{mm})/300$ or $(0.000120 \text{ in} + L(\text{in})/11.81)$

L = Stroke length

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

TAR-AL 500 (20 inches)

Application range:

Internal: 1 - 500 mm (0.04 - 20 in)

External: 25 - 525 mm (1 - 21 in)

Resolution: 0.001 mm (0.000040 in)

Precision: $U_{95} = 3 \mu\text{m} + L(\text{mm})/300$ or $(0.000120 \text{ in} + L(\text{in})/11.81)$

L = Stroke length

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

ELECTRONICS



Alphanumeric keyboard

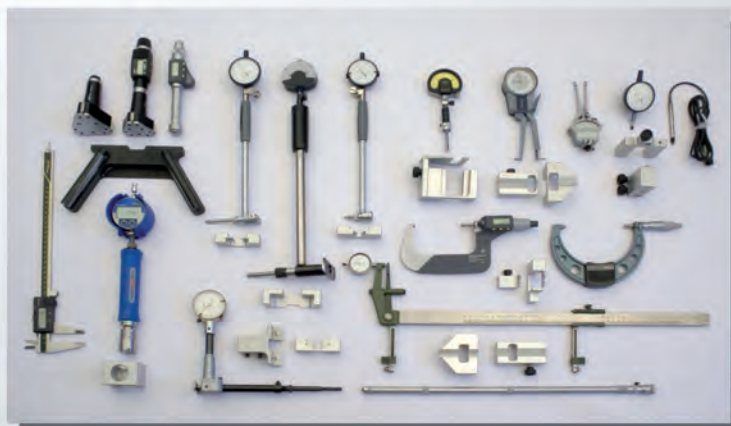
LCD display with 20 characters

Stores up to 100 positions

SW interface with remote PC/ Printer

Connectivity and Storage via USB

ZEROABLE MEASURING INSTRUMENTS



APPLICATION EXAMPLES

