

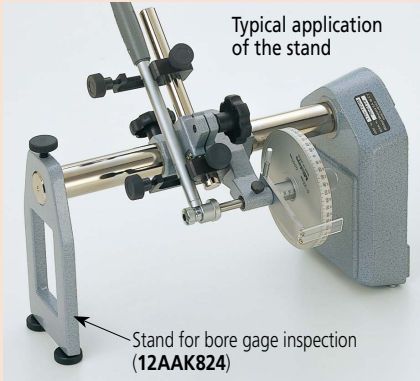


## SERIES 170 — UDT-2 Dial Indicator Tester

### Optional accessory

Stand for bore gage inspection (12AAK824)

Note: Can be used for the inspection of bore gages 511 SERIES standard type and with micrometer head up to 400 mm. (Refer to pages C-35 and C-42 for details.)



- UDT-2 is the accuracy tester for 0.01 mm resolution/graduation dial indicators, dial test indicators and bore gages.
- Stem mounting hole:  $\varnothing 6$ ,  $\varnothing 8$  mm (Metric)  
 $\varnothing 1/4$  in,  $\varnothing 3/8$  in (Inch)



170-102-12

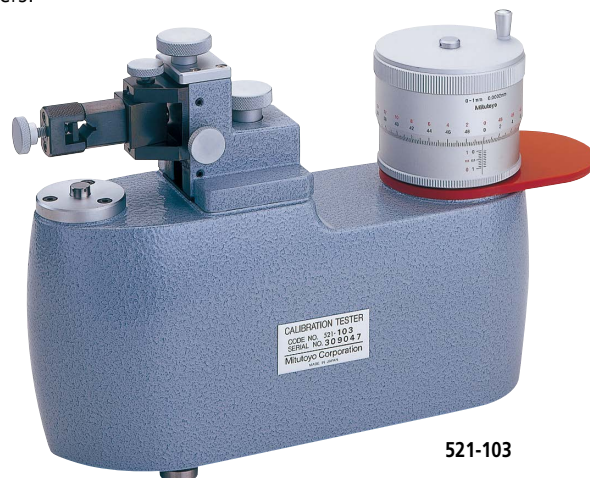
### SPECIFICATIONS

Metric				
Order No.	Micrometer head		Accuracy ( $\mu\text{m}$ )	
	Graduation (mm)	Range (mm)	Feed accuracy (25 mm stroke)	Hysteresis
170-102-12	0.001	0 - 25	$\pm 2$	0.5

Inch				
Order No.	Micrometer head		Accuracy (in)	
	Graduation (in)	Range (in)	Feed accuracy (25 mm stroke)	Hysteresis
170-101-10	0.0001	0 - 1	$\pm 0.0001$	0.00002

## SERIES 521 — Calibration Tester

- Can also be used to inspect dial indicators and dial test indicators with 0.001 mm graduations, or to adjust the sensitivity of electronic micrometers.
- The mounting bracket, which can move in any direction, accepts a wide range of indicator stem sizes ( $\varnothing 4$  mm to  $\varnothing 10$  mm).



521-103

### SPECIFICATIONS

Metric				
Order No.	Micrometer head		Accuracy ( $\mu\text{m}$ )	
	Graduation (mm)	Range (mm)	Indication accuracy	Hysteresis
521-103	0.0002	0 - 1	$\pm 0.2$	0.2
521-105	0.0002	0 - 5	$\pm 0.8$	0.8

Inch				
Order No.	Micrometer head		Accuracy (in)	
	Graduation (in)	Range (in)	Indication accuracy	Hysteresis
521-104	0.00001	0 - 0.05	$\pm 0.00001$	0.00001
521-106	0.00001	0 - 0.2	$\pm 0.00003$	0.00003