



Typical application



Stand for bore gage inspection (12AAK824)

Optional accessory

Stand for bore gage inspection (12AAK824)

Note: Can be used for the inspection of bore gages SERIES 511 standard type and with micrometer head up to 400 mm. (Refer to pages 08-35 and 08-42 for details.)

Calibrating a dial test indicator



SERIES 170 — UDT-2 Calibration Tester

- UDT-2 is an accuracy tester for 0.01 mm resolution/graduation dial indicators, dial test indicators and bore gages.
- With the optional stand, inspection of dial bore gages becomes possible.
- Measuring range: 0 to 25 mm. Accepts $\varnothing 6$ mm, $\varnothing 8$ mm, 1/4 in and 3/8 in indicator stems.



170-102-12

SPECIFICATIONS

Metric				
Code No.	Micrometer head		Accuracy (μ m)	
	Graduation (mm)	Range (mm)	Feed accuracy (25 mm stroke)	Hysteresis
170-102-12	0.001	0 - 25	± 2	0.5

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

SERIES 521 — Calibration Tester

- Accuracy tester for 0.01 mm graduation dial indicators and dial test indicators. Can also be used to adjust the sensitivity of electronic micrometers.
- Universal bracket accepts any dial indicator, dial test indicator or electronic gage without any additional accessory. Clamping capacity: $\varnothing 4$ mm to $\varnothing 10$ mm.



521-103

SPECIFICATIONS

Metric				
Code No.	Micrometer head		Accuracy (μ m)	
	Graduation (mm)	Range (mm)	Indication accuracy	Hysteresis
521-103	0.0002	0 - 1	± 0.2	0.2
521-105	0.0002	0 - 5	± 0.8	0.8

Inch				
Code No.	Micrometer head		Accuracy (in)	
	Graduation (in)	Range (in)	Indication accuracy	Hysteresis
521-104	0.00001	0 - 0.05	± 0.00001	0.00001
521-106	0.00001	0 - 0.2	± 0.00003	0.00003