Fowler Indicator Calibration Stand

This superior Fowler/Sylvac calibration stand No. 54-618-965 is for precise checking of dial and test indicators. Combine stand with a Sylvac probe and digital indication unit for best results.

Position stand in a horizontal or vertical position for maximum indicator range and accurate calibration at high resolution. Use either probe #54-618-500 or 700 and either digital indication unit #54-618-140 or #54-618-151 for multiple functions.

Dial gages with a 8mm or 3/8" dia. may be mounted as well as test indicators according to DIN2270. Quick clamping by knurling knob. Testing system according to ABBE principle.

No. 54-618-965 Stand
- Fine adjustment using handwheel 3.1"/ 80mm diameter (one revolution: .002"/.05mm and 1µm: 7°.)
- Rough adjustment using handwheel 3.1"/80mm diameter (one revolution: .06"/1.5mm.)
- Reference probes: Sylvac capacitive absolute probes No. 54-618-500 and 700.
- Thermal shield for reference probe.
- Suitable for testing dial gages and test indicators.

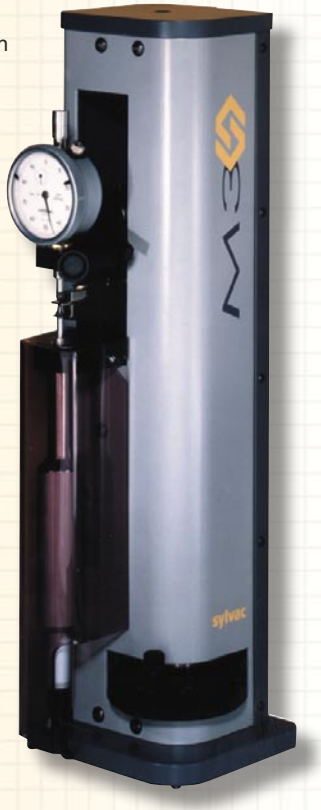
No. 54-618-140 Digital Indication Unit
- Preset capability; true inch/metric conversion; selection of measuring direction
- Resolution—a choice of .001"—.0001"—.00001" or .01mm—.001mm—.0001mm

No. 54-618-151 Digital Indication Unit
- Selection of measuring direction (±).
- Tolerance settings with display for upper and lower limits with up to six classes.
- Preselection of a value (preset)—up to 7 digits. Memory of a value with display of Min, Max and Max-Min. Classification of 2 to 6 categories. RS232-C serial output.

Probes: No. 54-618-500 long range probe 0-1"(0-25mm) and No. 54-618-700 extra long range probe 0-2" (0-50mm).

This instrument has software capabilities. Contact our Technical Staff for information.

Note: System accuracy is the geometrical mean of probe and readout errors which may be reduced by matching (calibrating) the probe to the readout.



Order No. 54-618-965

Calibration Stand

5-YEAR WARRANTY

INTERFACE RS-232 BI-DIRECT

Specifications

Probe	System Accuracy (mean error)	Repeatability
54-618-500	.0001" (2.1µm)	.00001" (.3µm)
54-618-700	.0002" (5µm)	.00005" (1.2µm)