

# Fowler

## Sylvac Indicator Calibration Stand



### Specifications

Probe	Travel	System Accuracy (mean error)	Repeatability
54-618-500	1"	.0001" (2.1µm)	.00001" (.3µm)
54-618-700	2"	.0002" (5µm)	.00005" (1.2µm)

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



Swiss Quality!



This superior Fowler/Sylvac calibration stand #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 either 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  $\frac{3}{16}$ " dia. may be mounted as well as test indicators according to DIN2270. Quick clamping by knurling knob. Testing system according to ABBE principle.

#### #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 #54-618-500 and 700.
- Thermal shield for reference probe.
- Suitable for testing dial gages and test indicators.

#### #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

#### #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.

#### #54-618-500 & 700 Probes.

- #54-618-500 long range probe 0-1" (0-25mm).
- #54-618-700 extra long range probe 0-2" (0-50mm).

See Sylvac section for more information on indication units and probes.



Order No.	Description
54-618-965	Calibration Stand without probe and indication unit.
54-618-970	Stand with 54-618-140, 54-618-500, software, cable and certificate.