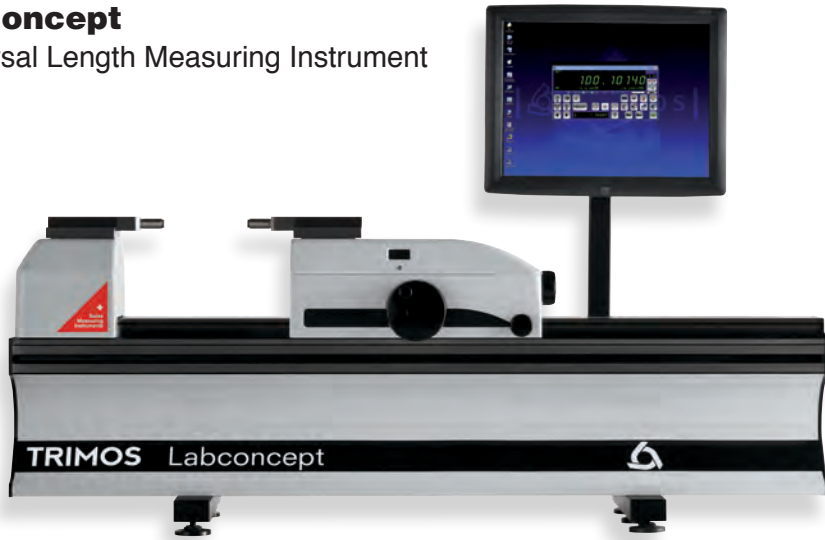




Labconcept
Universal Length Measuring Instrument



The Fowler/Trimos LABCONCEPT Universal Length Measurement System combines the ultimate in accuracy, performance, range and simplicity in an easy to use, robust instrument.

It can calibrate all types of standards including plug gages, ring gages, thread plug gages, thread ring gages, snap gages, depth gages, dial indicators and more.

A large variety of accessory supports and probes allow unmatched versatility in checking both internal and external dimensions.

- Large measuring range 0–20" (0–500mm) and 0–39.4" (0–1000mm)
- Developed for ISO 9000/2000 standards
- Switchable Resolution; .0001", .00001", .000001", or .001mm, .0001", .00001mm
- Wide range of easily interchangeable accessories
- Adjustable measuring force 0–12N
- Displacement speed of measuring carriage = 60"/sec(1.5m/sec)
- Fine adjustment range = .394"/10mm
- Operational temperature limit 10°-40°C
- Operational humidity limit 30 - 80%

QMSOFT software (page 390) is the perfect calibration and data management tool for use with this product!

Specifications		
Model	54-197-777	54-197-877
Measuring range	0–20"(500mm)	0–40"(1000mm)
Accuracy	<0.3μm+(L(mm)/1500)μm	<0.3μm+(L(mm)/1500)μm
Repeatability (±2S)	.000004"/.0001mm	.000004"/.0001mm
Display	Computer added screen display: PC w/flat screen monitor, DDE server and Trimos WIN DHI software for display of functions and measuring results	
Resolution, switchable	.0001", .00001", .000001" or .001mm, .0001mm, .00001mm	
Weight	176 lbs (80kg)	264 lbs (120kg)

Order Number	Description
54-197-777	0–20"(500mm) LABCONCEPT Length Measuring System
54-197-877	0–40"(1000mm) LABCONCEPT Length Measuring System

60"/1500mm and 80"/2000mm lengths available. Contact the Fowler Tech Department for pricing info.

