

Fred V. Fowler Company, Inc.



Digital Ultra-Height Gages

Fowler's "Ultra-Height" has evolved to bring you the finest digital height gage of its kind in the industry.



Design Features:

- Resolution: .0005" (.01mm).
- Lock screw: for scribing, transferring, etc.
- Heat insulating hand-comfort grip for base eliminates slippage and hand fatigue.
- Microfine adjustment screw. Lock screw locks unit before using fine adjustment screw.
- Sturdy single column beam: hardened, ground and stress relieved. Sealed-in Sylvac electronic scale is unbreakable and not affected by oil, dust, chips, magnetism, shock, etc. Beam size is 15/16" by 19/32".
- Robust base is fully hardened, ground and microlapped to ensure accuracy. Stress-relieved base. The base/scraper design allows direct zero reading from the base over the full range. Base size: length 6", width 3-1/2", height 2-1/2".
- Carbide-tipped scriber easily removed and replaced with Fowler No. 52-565-082 indicator holding bar which accepts all styles of test indicators and electronic gage heads. Includes .200" diameter upright rod as well as a universal clamp for all makes of "dovetail" indicators.

Electronic Specifications:

- Completely re-engineered measuring sensor, a marked improvement of the already proven Sylvac capacitive measuring system.
- Incremental floating zero. Deviations are read out directly with no math.
- Direct inch/metric conversion
- 2 presetable references
- Increased measuring, tracking speed of approximately 60"/second.
- Zero button may be reconfigured as a hold button. If tool is used for SPC, it'll automatically be configured as a data output switch.
- Large, high contrast LCD display indicates in/mm, hold, and zero functions.
- Hold feature freezes display for later viewing. Ideal for hard to reach places.
- Low drain, high efficiency lithium wafer battery 4500 hrs. of continuous on time.
- Direct RS-232C output.
- Direct connection to any PC computer or printer without an interface.



Order No.	Description	Overall Accuracy	Overall Height	Weight
Ultra-Height Digital Height Gages				
54-105-012	0-12"/0-305mm	±.0015"/±.035mm	18-3/4"/475mm	8 lbs/3.6 kgs
54-105-024	0-24"/0-600mm	±.002"/±.05mm	30"/750mm	11.5 lbs/5.2 kgs
54-105-040	0-40"/0-1000mm	±.003"/±.07mm	46"/1170mm	47.5 lbs/21.6 kgs
54-115-333	Simplex Computer Connect Kit. Includes 80"(2m) connecting cable with 9 pin IBM compatible connector, support disk and instruction book.			
54-100-350	Replacement battery (one required).			
52-565-082	Indicator holding bar with dovetail clamp.			
52-177-024	Replacement case for No. 54-105-024.			