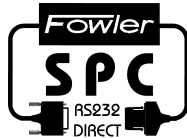


Fowler

Microcal



Fowler's Microcal—a revolutionary external measuring instrument—combines the features of inch and metric digital micrometers, snap gages and calipers all in a single, simple to use tool.

Microcal, a high resolution .00005"/.001mm electronic gage, retains high accuracy over its 4" range. By use of constant measuring pressure, the gage can obtain exceptional repeatability even when used by many different operators. A positive lock and snap action function duplicates the features found on most "snap" style gages. Carbide measuring faces ensure long life and accuracy.

Microcal also incorporates all of the benefits and features of our new Sylvac measuring system such as long battery life, increased measuring speed, preset capabilities and best of all... **direct RS-232 output !**

Specifications

- 0—4" (0—100mm) external measuring range. Resolution .00005"(.001mm).
- Repeatability .00008" (.002mm) $\pm 2s$.
- Measuring force 9—10.5 oz. (2.5—3N). Weight .5 lb. (250g). Temperature range 5—40½C working; -20 to 60½C in storage
- Hardened stainless steel beam construction. Completely reengineered Sylvac measuring sensor. Non-contact linear measuring system is insensitive to dust, dirt, oils and electrical or magnetic interference.
- Direct inch/metric switch. Hold feature freezes display for later viewing. Zero/hold key doubles as data send key when using the output. Ideal for hard to reach places.
- Incremental floating zero. Two switchable reference datums with independent preset capabilities. Increased measuring, tracking speed of approximately 1.5 meters/second (60"/second).
- New large, high contrast LCD display. Height of digits .24". Display now indicates in/mm, hold, and zero functions.
- Low drain, high efficiency lithium wafer battery (environmentally safe for disposal) offers 4500 hours of continuous on time. Use on/off switch to extend life up to 2 years.



Order No.	Description
54-120-000	0—4" (0-100mm) Microcal with standard anvils
54-120-002	0—4" (0-100mm) Microcal with blade anvils for groove measuring.
54-120-005	Microcal stand
54-120-010	"Photo shutter" type lifting device for Microcal
54-115-333	Simplex Computer Connection Kit. Includes 80" (2m) connecting cable; 9 pin IBM AT RS-232 connector; GageWedge Software disk.
54-100-350	Replacement lithium battery (type #CR2032 or BR2032).