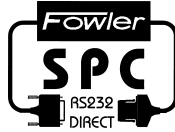# FOWLER

Ultra-Cal III

▲ #54-100-333

Sylvac's Ultra-Cal III caliper represents the best in electronic measuring instruments. Designed and built by Sylvac of Switzerland, this gage uses a high accuracy capacitive sensor. This patented technology leads the way toward an entire family of measuring products —all at a reasonable price.

Specifications:
- Available in 6"/150mm, 8"/200mm and 12"/300mm models. All models provide inside, outside, depth and step measurement except #54-100-390 which does not include depth measurement.
- Resolution: .0005" (.01mm)
- Repeatability: .0005"/.01mm ±2s.
- Sliding internal top cross jaw.
- Hardened stainless steel construction.
- Temperature range 5—40C° working; -20 to 60C° in storage

Electronic Specifications:
- Completely re-engineered measuring sensor, a marked improvement of the already proven Sylvac capacitive measuring system.

- Incremental floating zero.
- Direct inch/metric conversion.
- Fast tracking speed of approximately 60"/second.
- 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.
- Lithium battery (environmentally safe for disposal) offers 4500 hrs. of continuous on time. Life extended 2—3 years, using on/off switch.
- Direst RS-232C output; allows connection of tool to any computer or printer without an interface! Simply hook up the tool with the specially constructed opto-electronic cable (with 9 pin serial connector) and enjoy direct SPC output. This feature alone will save many dollars over gages requiring additional interfaces.

Jaw Specifications			
Caliper Size	6"	8"	12"
External Jaw Length	1.5"	1.5"	2.5"
Internal Jaw Length	.625"	.625"	.750"
Jaw Thickness	.118"	.118"	.118"

Order No.	Description	Accuracy
54-100-333	0—6" (0—150mm) Ultra-Cal III	.001"/.02mm
54-100-338	0—8" (0—200mm) Ultra-Cal III	.0015"/.03mm
54-100-390	0—12" (0—300mm) Ultra-Cal III	.0015"/.03mm
54-115-333	Simplex Connection Kit Includes 80" (2m) 9 pin RS-232 cable; GageWedge software support disk.	
54-100-350	Replacement lithium battery (type #CR2032 or BR2032).	