



Since 1965



DC Clamp-On Ammeters

The Swain Meter Co. manufacturing facility is located in Mt. Pleasant, Michigan, USA. Our technicians build each meter and sensor by hand and calibrate them to exact specifications.

For technical papers describing product operation and application, a PowerPoint presentation, please visit our website at:

www.swainmeter.com

PROUDLY MADE IN MICHIGAN, USA



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The Swain Meter Co.

Manufacturer of field portable, custom built, clamp-on DC Ammeters.

- *Sizes range from 3/4" through 100" diameter**
- *Clips and Clamps are non-contact devices**
- *Measure DC current from 5mA to 200Amps**
- *One mA Resolution in 2A range**
- *Cancels AC interference for accurate reads**
- *Shows direction and Magnitude of current**

Swain Models

High Quality digital DC Ammeters capable of measuring 5mA through 200Amps.

Two models of Swain are manufactured: the **MER** and **AutoMER**. Both offer fast, precision accuracy to read magnitude and direction of current.

MER Meter® (Magnetic Error Reduction) reduces magnetic interference from current measurement. A MER meter offers manual zeroing and ranging.

AutoMER™ model combines automatic control with Magnetic Error Reduction -- range and zero are set automatically.



MER2™ Sensors (Clips and Clamps) are available from 3/4" to over 100" diameter aperture.

MER 2 Sensors are used to measure actual pipe current, both magnitude and direction of flow, more accurately and in less time, above ground, under water and permanently buried.



Applications Off-shore anodes & flexible pipe current can be measured at 1000 ft. depth or more. Both clips and clamps may be mounted on a ROV. Clamps can be permanently buried underwater or even underground.

Impressed Anode Current is measured by clipping around the cable. There is no need to open the cable or add shunts which increase resistance.