

**PICK UP A MODEL
LC-4 AND HAVE
THESE FEATURES
IN THE PALM
OF YOUR
HAND:**



Cat. No. 5203

- DC VOLTS FOR IR DROP, POTENTIAL & RECTIFIER READINGS
- AC VOLTS FOR POTENTIAL & RECTIFIER READINGS
- OHMS FOR CONTINUITY & RESISTANCE TESTING
- SELECTABLE INPUT RESISTANCE
- DISPLAY "FREEZE" FOR INSTANT OFF & COORDINATED TESTS
- OPTIONAL PLUG-IN SHUNT FOR CURRENT READINGS

GENERAL

Model LC-4 is the first hand-held digital meter to include a number of special features which facilitate corrosion and cathodic protection testing on underground structures. It is designed for field testing under almost any environmental conditions. Sealed Mil. Spec. switches, sealed windows, a gasketed case and a printed circuit board with baked-on moisture and fungus resistant coating on both sides make this possible.

The large (.5") display characters are easy to read under both high and low lighting conditions and function over a wide temperature range with very little drain on the battery.

The LC-4 is recommended for potential surveys, side drain measurements, surface potential surveys, IR drop measurements, checking both the AC and DC circuits of rectifiers, checking for stray or hazardous AC potentials, and checking galvanic anodes. DC current measurements require the use of an optional plug-in shunt (0-20 Amp).

The selectable input resistance feature permits detection of high resistance in the external circuit and elimination of resulting errors in virtually all cases.

The push-to-hold-reading button freezes the display at any desired time which makes the meter usable in many areas having varying stray currents. It is also useful when conducting instant-off and coordinated tests.

SPECIFICATIONS

LOGIC:	C-MOS, crystal controlled timing.
DISPLAY:	Liquid crystal, 3-1/2" digits, .5" high.
DC VOLT RANGE:	0-20mv (.01mv resolution) 0-200mv (.1mv resolution) 0-2v (1mv resolution) 0-200v (.1v resolution)
AC VOLT RANGE:	0-600v (1v resolution)
RESISTANCE RANGE:	0-200 Ohms (.1 ohm resolution)
DC CURRENT RANGE:	Using optional .001 ohm LC Shunt: 0-20A (.01A resolution).
ACCURACY:	DCV: 1% of reading \pm 1 digit. ACV: 3% or reading \pm 1 digit. Ohms: 2% of reading \pm 1 digit.
AC REJECTION:	20mv range: 20mv AC @ 50/60/400 Hx. 200mv range: 5v AC " " 2v range: 120v AC " " 200v range: 600v AC " "
DC REJECTION:	600v AC range: 600v DC
ZERO:	Automatic.
DECIMAL POINT:	Automatic; set by range switch.
POLARITY:	Automatic; negative symbol displayed, positive assumed.
INPUT RESISTANCE:	20mv range; 1000 ohms. All other DCV ranges are switch selectable (10, 25, 50, 100, 200 megohms).
OPERATING RANGE:	+8 to +176°F (-14 to +80°C).
BATTERY:	9v (1) alkaline recommended.
DIMENSIONS:	Weight: 11 oz. approx. Size: 6-1/8 x 3-5/8 x 1-3/4" overall (.312 Kg.) (15 x 8 x 4.5 cm)



Distributed by:
Interprovincial Corrosion Control Co. Ltd.
930 Sheldon Court
Burlington, Ontario L7L 5K6
Telephone: (905) 634 7751
Fax: (905) 333 4313
Website: www.Rustrol.com

ACCESSORIES FOR LC SERIES METERS

CARRYING CASE

Made of heavy, water resistant simulated leather, this carrying case leaves your hands free to perform tests. A quick opening snap permits ready access to the instrument, and a belt loop is included with a snap fastener.

CAT. #5406

EXTERNAL SHUNT

Two shunts which plug directly into the 20mv range of the LC-4 Meter are available.

- .001 ohm/50 amp/1mv = 1 amp (measure up to 20 amps on the 20mv range). CAT. #5803
- .1 ohm/2 amp/100mv = 1 amp (measure up to 200ma on the 20mv range). CAT. #5800

ELECTRODE EXTENSION ADAPTER

Designed to save effort (and your back) as well as to protect you from snakes and poison ivy, the MCM electrode extension adapter firmly mates with the base of the meter by the use of Velcro pads. This base has a threaded socket which connects to either input terminal by means of a test lead pigtail with a banana plug. Any MCM intermediate electrode extension can be screwed into the socket.

CAT. #5701



ACCESSORIES FOR LC SERIES METERS



CAT. #16280



CAT. #16283

TELESCOPING BALL-TOP HANDLE EXTENSION (with RE-5C) CAT. #16280

Designed to access those hard to reach areas, the extension (cane) adjusts to the user's height and the twist cam lock feature secures the cane at any length. The cane measures 32 inches long when shipped to the customer, and extends to a maximum length of 48 inches.

CANE-TOP TELESCOPING HANDLE EXTENSION (with RE-5C)

CAT. #16283



CAT. #16285

TELESCOPING CANE METER ADAPTER

The cane adapter plate accessory attaches to the cane and combines the meter and cane as a single, easily maneuverable unit. The cane adapter plate can also be used with the electrode extension (No. 16101) or MCM data probes. The Velcro strap secures any similarly sized meter, including those made by Fluke and Beckman. The cane adapter plate swivels 90 degrees and can be positioned horizontally or vertically for easy screen read out. CAT. #16285



CAT. #5203
CAT. #16280
CAT. #16285
(All shown here)

The cane includes a one-foot test lead wire equipped with banana plugs on each end that connect the LC-4 (or equivalent meter) to the cane itself.

CANE-TOP TELESCOPING HANDLE EXTENSION - (Electrodes sold separately)

CAT. #16282



MCM
MC MILLER co.
BUILT TO TAKE IT.

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