

# ESD Model CP600

## Potential Meter

### The Compact Corrosion Tester

Routine potential testing helps to identify problems before costly leaks or service interruptions occur. The ESD CP600 makes the performance of these tests fast and easy. The meter is composed of a copper/copper sulfate reference cell, which is attached directly to a voltmeter. The voltmeter displays readings in a digital format using a liquid crystal display. Due to high-resolution quality, readings displayed by the meter are clear even in direct sunlight. The CP600 can take potential measurements from plus or minus 1.999 volts. If a reading is obtained that is outside the testing parameters of the meter, a warning is displayed. Error caused by AC interference is controlled by an electrical filter, and high external resistance is accounted for by 300 megohms of input impedance.

The CP600 is a compact testing unit that can be used by anyone. It weighs only 1.8 lbs., and is designed with a mounting clip for attachment to belts and pockets to leave the operator's hands free. "to perform a potential test with the meter, the reference cell is placed in contact with the soil, and the test lead wire is clamped to an exposed portion of the structure. A push-button switch is then pressed to obtain a potential reading. The CP 6000 unit is powered by a 9-volt battery, and is housed in cast aluminum.



### Typical Applications

The ESD CP600 voltmeter is designed to take potential measurements on buried structures. Because it is compact and extremely user friendly, it is ideal for potential tests on gas service risers. The unit can be operated in temperatures ranging from 32° to 131°F, and has an accuracy of plus or minus 0.001 volts.



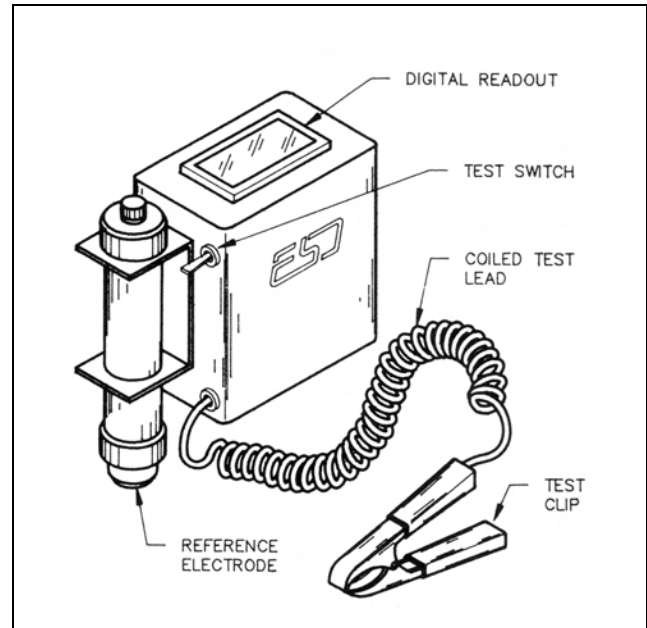
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## ESD Model CP600 Potential Meter

### Ordering Procedure

Corrpro is an authorized distributor for ESD products, and readily stocks the CP600 voltmeter for immediate shipping. To order the meter for your particular application, indicate that you need the ESD CP600 meter, and specify the quantity desired. An example is provided to help illustrate this process.

Ordering Procedure Example	
ITEM	QUANTITY
Quantity	1
Product	Potential Meter
Brand	ESD
Model	CP600



### Product Specifications

NOMINAL DIMENSIONS in. (cm)			WT. lbs. (kg)	TESTING RANGE volts	INPUT RESIST. W	OPERATING TEMP. RANGE °F (°C)	POWER SOURCE
L	W	D					
6.0 (15.2)	5.12 (13.0)	3.1 (7.9)	1.8 (0.8)	±1.999	300M	32-131 (0-55)	9-Volt Transistor Battery



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