

Tinker & Rasor CPV-2 and CPV-4 Potential Meters

For Trouble-Free Potential Testing

Routine potential testing is an integral part of any corrosion protection program. CPV-2 and CPV-4 are two meters that help to ensure accurate results from your potential surveys. They are manufactured by the Tinker & Rasor Company, and contain copper/copper sulfate reference electrodes, which are directly attached to voltmeters. CPV-2 is an analog voltmeter. It is capable of taking potential measurements from 0 to 2 volts, and has an accuracy that is within 3 percent of full scale. The meter is also equipped with 10 megohms input resistance and a filter to reject AC interference. CPV-4 operates in a digital format. The meter is designed with CMOS circuitry, and possesses an accuracy of plus or minus 0.1 percent. Like the CPV-2, the CPV-4 has a built-in input resistance (11 megohms) and an integrated circuit with filter to reject AC interference. It also contains a dual testing scale, which permits measurements ranging from 0 to 1.999 volts or 0 to 19.99 volts. Readings are provided in a large, easy-to-read liquid crystal display.

Both the CPV-2 and CPV-4 are housed in aluminum cases. They are battery operated, and contain heavy-coil cables with clamps and banana plugs for making solid electrical connections. To allow replacement of copper sulfate solution, the reference cells on the two models contain removable reservoir caps. Each meter is packaged in a durable carrying case, and is supplied with cables for separate reference cell testing.



Typical Applications

CPV-2 and CPV-4 voltmeters can be used to take structure-to-earth potentials on a variety of buried metallic structures. Because the meters are extremely easy to operate, they are ideal for both technical and non-technical personnel.



Corrpro Companies Europe Limited

Adam Street, Bowesfield Lane, Stockton on Tees, TS18 3HQ

Telephone: (01642) 614106 (8 lines) Telex: 587388

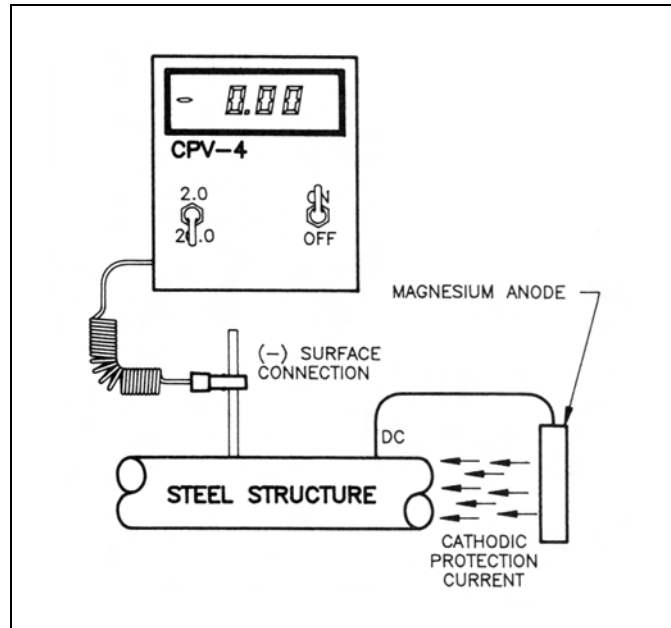
Fax: (01642) 614100 E-mail: ccel@corrpro.co.uk

Tinker & Rasor CPV-2 and CPV-4 Potential Meters

Ordering Procedure

Corrpro is an authorized Tinker & Rasor distributor, and readily stocks the CPV-2 and CPV-4 meters. To order the right meter for your particular application, indicate that you need either the CPV-2 or CPV-4 meter, and specify the quantity desired. An example is provided to help illustrate this process.

Ordering Procedure Example	
ITEM	EXAMPLE
Quantity	1
Product	Potential Meter
Brand	Tinker & Rasor
Model	CPV-2



Product Specifications

MODEL	NOMINAL DIMENSIONS in. (cm)			WT. lbs. (kg)	TESTING RANGE volts	INPUT RESIST. W	OPER. TEMP. RANGE °F (°C)	POWER SOURCE
	L	W	H					
CPV-2	3.0 (7.6)	3.0 (7.6)	3.0 (7.6)	1.38 (0.63)	0-2	10M	0 to 150 (-17.8 to 65.6)	2 "AA" Batteries
CPV-4	4.63 (11.8)	3.63 (9.2)	2.19 (5.6)	1.0 (0.45)	0-0.1999 0-19.99	11M	0 to 150 (-17.8 to 65.6)	9-Volt Transistor Battery



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