

TRANSFORMER RECTIFIERS

Air-cooled-portable, Type: TR-ACP-01

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German Cathodic Protection



Type: TR-ACP-01

Portable transformer rectifiers are used for carrying out current drain tests to determine the resistance of corrosion protective coating on pipelines and the current density required for producing the desired swing in the existing potential of the object to be provided with cathodic protection.

Portable transformer rectifiers are designed for easy handling and transportation and for use in harsh environmental conditions. The enclosure can be made of sheet steel, stainless steel, aluminium or glass-fibre polyester with weather-proof protection up to IP 65.

Portable transformer rectifiers consist of a variable ratio transformer which allows continuous adjustment of output voltage from zero to maximum rated voltage and built-in meters for measurement of output voltage and current.

Test sockets are provided underneath each meter for more accurate measurements/calibration using portable instruments.

Units are equipped with a built-in quartz controlled current interrupter for on/off potential measurements .

Front panel with colour coded DC output terminals (positive=red, negative=blue).



AC Input:	single phase 230 V \pm 10%, 50 or 60 Hz
DC output current:	0 - 20 A
DC output voltage:	0 - 50 V
Max. DC power output:	1 kW
Protection class:	depending on enclosure

other voltages, frequencies or output rates available on request