

TMDRA 100

Accessory for DIRANA

The TMDRA 100 is an accessory for OMICRON's DIRANA. It simulates typical dielectric response curves of power transformers and can be used to train users on the software even if no real test object is available. The TMDRA 100 is a demonstration box especially designed for verification, it can not be used for the calibration of the DIRANA.

The TMDRA 100 can be used to perform two-channel measurements on-site or in the laboratory, and replaces the 'device under test'. It is directly connected to the DIRANA, using the standard color-coded DIRANA cables. The sockets for the input signal as well as the two-channel signal are clearly marked for ease of use. The settings in the DIRANA software are the same as for moisture assessment of real power transformers.



TMDRA 100

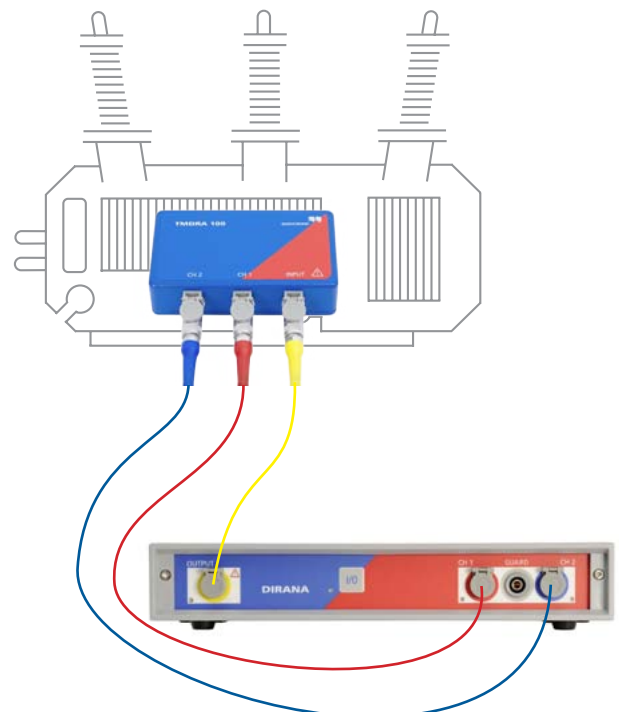
Typical Rating at 25 °C / 77 °F			
		Channel 1	Channel 2
Tan Delta:	50 Hz	0.004	0.007
	0.1 Hz	0.409	1.026
Capacitance:	50 Hz	20.3 nF	20.4 nF
	0.1 Hz	21.0 nF	30.1 nF

Advantages:

- > Simulation of typical dielectric response curves for verification
- > Acts as a 'device under test' for training on the use of the software - even if no test object is present
- > Small and light-weight device

Technical Data

Input voltage	$\pm 200 V_{\text{peak}}$
Weight	177 g / 0.4 lb
Dimensions (w x h x d)	30 x 65 x 115 mm / 4.5 x 2.8 x 1.2 inch
Order number	VEHZ0608



The TMDRA 100 is a demonstration box for the simulation of power transformers

OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis, and training make the product range complete.

Customers in more than 140 countries rely on the company's ability to supply leading edge technology of excellent quality. Broad application knowledge and extraordinary customer support provided by offices in North America, Europe, South and East Asia, Australia, and the Middle East, together with a worldwide network of distributors and representatives, make the company a market leader in its sector.

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