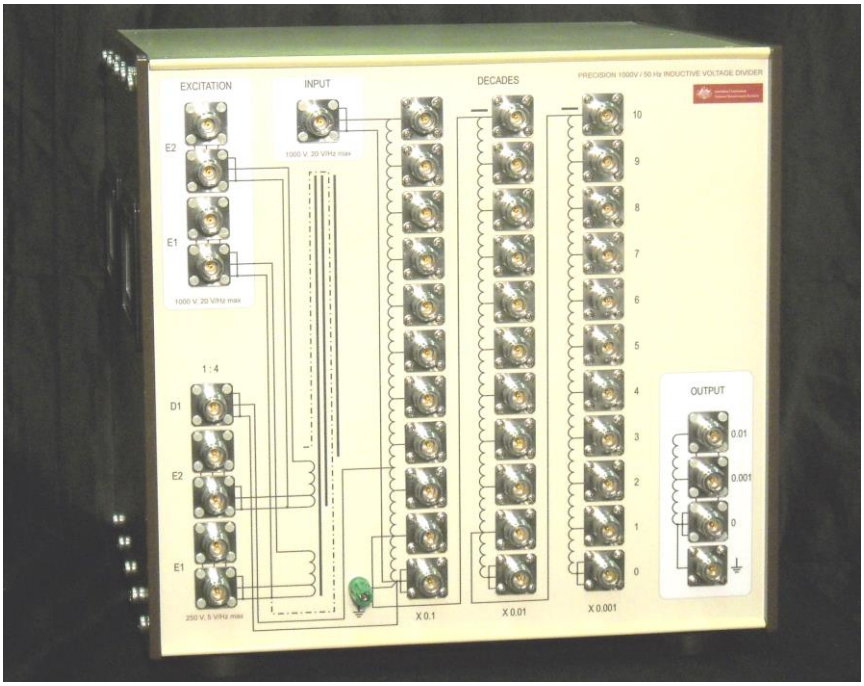
PRECISION 1000 V INDUCTIVE VOLTAGE DIVIDER

INTRODUCTION

The Precision Inductive Voltage Divider (IVD) is designed for use in the measurement of electrical power and other metrological applications requiring accurate scaling of voltages up to 1000 V rms to voltages in the range where the most precise measurements may be carried out.



SPECIFICATIONS

Type:	Separately excited three-stage inductive voltage divider	
Number of Decades:	3	
Maximum Input Voltage:	1100 V ac rms or 20 V/Hz, whichever is less	
Connectors:	Type N-female	
Voltage Ratios for isolated outputs (Decade “x 0.001”):	0.001, 0.002, 0.003, … 0.010	
Nominal Frequency Range:	40 Hz to 1 kHz	
Typical ratio errors at power frequencies:	in-phase	1 part in 10^9 of input
	quadrature	5 parts in 10^9 of input
Typical calibration uncertainty and life-time stability at power frequencies:	in-phase	1 part in 10^{10} of input
	quadrature	5 parts in 10^{10} of input
Weight:	117 kg	

ENQUIRIES

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