

Training Equipment

OX 71 isolated single-channel training oscilloscope



- *5 MHz bandwidth*
- *50 mV/div to 5 V/div sensitivity in 1-2-5 sequence*
- *Sweep rate from 500 ns/div to 500 ms/div*
- *AC, DC and earth coupling*
- *IEC 61010-1 safety, class 2, 400 V CAT II*
- *Delivered with training software in 5 languages*

MX 98 Cos-phi meter

Designed for measuring the power factor of single-phase installations, this instrument can be used for quick, accurate measurements.

- *40 to 60 Hz bandwidth*
- *5 A current calibre*
- *Voltage calibres: 100, 240, 400, 500 V*
- *Inductive and capacitive cos φ (1 to 0.4)*
- *Accuracy: 2.5 %*

References for ordering : **OX0071:** single-channel OX 71 – **SX-OXMTX:** OX MTX training CD – **MX098:** MX 98 cos-phi meter + 1 battery

MX 25 / MX 35

Voltmeter and ammeter for learning in total safety.

MX 125 / MX 135

Designed to resist mechanical shocks, protected by high-rupture-capacity fuses.

Specifications	MX 25	MX 35	MX 125	MX 135
Scale length	120 mm	120 mm	83 mm	83 mm
Bandwidth	50 to 1 kHz	50 to 1 kHz	16 to 1 kHz	16 to 1 kHz
Voltage	7 calibres (1 to 1,000 V)		9 DC calibres (150 mV to 1,500 V) 6 AC calibres (5 mV to 1,500 V)	
Current		8 calibres DC (100 µA to 10 A) 8 calibres AC (100 mA to 10 A)		7 calibres DC (50 µA to 10 A) 6 calibres AC (500 µA to 10 A)
Internal resistance	20 kΩ		20 kΩ	
Dimensions / weight	215 x 145 x 65 mm / 300 g		155 x 99 x 40 mm / 350 g	

References for ordering : **MX0025:** MX 25 voltmeter – **MX0035D:** MX 25 delivered with 1 set of safety leads and battery – **MX125:** MX 125 voltmeter – **MX135:** MX 135 ammeter

Training modules and shunts

Simple resistance boxes	
P03197521A	0.1 to 1 Ω
P03197522A	1 to 10 Ω
P03197523A	10 to 100 Ω
P03197524A	100 to 1,000 Ω
P03197525A	1 to 10 kΩ
P03197526A	10 to 100 kΩ
P03197527A	100 to 1,000 kΩ
P03197528A	1 to 10 MΩ
Resistance boxes with 4, 5, 6 and 7 decades	
P01197401	BR 04, 4 decades, 1 Ω to 10 kΩ
P01197402	BR 05, 5 decades, 1 Ω to 10 kΩ
P01197403	BR 06, 6 decades, 1 Ω to 10 kΩ
P01197404	BR 07, 7 decades, 1 Ω to 10 kΩ
Coupling jumpers	
P01101892A	19 mm spacing - Ø 4 mm - 36 A





Decade capacitance boxes	
P01199613A	0.01 to 0.1 mF
P01199612A	0.1 to 1 mF
P03199611A	1 to 10 mF
P01197421	BC 05, 5 decades, 1 nF to 10 µF
Zero galvanometer	
P03197611A	BP: 60 to 100 MHz, accuracy ±2.5 %
Ratio boxes	
P03197531A	7 ratios from 1/1,000 to x1,000
Double switch box	
P03197529A	2 switches with make/break/non-locking make
Simple changeover switch box	
P03197530 A	1 switch with make/break/reverse make
Inductance box	
P01197451	BL07, 7 decades, 1 µH to 10 H

Mesurement shunts compliant with IEC 61010-1 600 V CAT III (Class 0.5)	Max. current	Voltage drop
HA030-1	30 A	300 mV
HA050	50 A	100 mV
HA050-1	50 A	50 mV