

TESTBOY TV 216N

Digital clamp meter

Due to its variable measuring functions, the digital clamp meter, Testboy TV 216N, can be operated universally. Useful details, such as the large display, manual or automatic ranging and measurement position lighting, makes operation particularly easy and reliable.

How you benefit:

- | Large range of functions
- | Easily legible LCD
- | LED Measurement position lighting
- | Contactless frequencies and probe rate
- | T-RMS measurement procedure for non-sinus voltages

Specifications

Technical Data	TESTBOY TV 216N
Display	LCD with 4 digits
Overload Category	CAT III 600 V
Diode Test	(smallest resolution 1 mV) Test current ~1 mA test voltage ~3,3 V
Standard	EN61010-2-032 (VDE 0411-2-032)
Data hold	Yes
AC Voltage	(40–400 Hz, smallest resolution 100 μ V) bis 600 mV $\pm 1,5\%$, ± 10 Digits 6 V, 60 V $\pm 1,2\%$, ± 5 Digits 600 V $\pm 1,5\%$, ± 10 Digits
AC Current	(40–400 Hz, smallest resolution 10 mA) 60 A, 600 A $\pm 3,0\%$, ± 10 Digits
DC Voltage	(smallest resolution 100 μ V) 600 mV, 6 V, 60 V $\pm 0,8\%$, ± 3 Digits 600 V $\pm 1,0\%$, ± 5 Digits
DC Current	(smallest resolution 10 mA) 60 A, 600 A $\pm 3,0\%$, ± 10 Digits
Resistance	600 Ohm, 6 kOhm, 60 kOhm, 600 kOhm, 6 MOhm $\pm 1,2\%$, ± 2 Digits 60 MOhm $\pm 2,0\%$, ± 5 Digits
Continuity Test	Audible signal if resistance 30 Ohm
Measurement position lighting	LED
Frequency by clamp	(smallest resolution 100 mHz) 600 Hz, 1 kHz $\pm 1,5\%$, ± 5 Digits > 1 A AC rms
Frequency by plugs	(smallest resolution 100 mHz) 600 Hz, 6 kHz, 10 kHz $\pm 1,5\%$, ± 5 Digits > 0,2 V AC rms
Sampling rate	10–95 %, $\pm 3,0\%$, > 1 A AC rms
Sampling rate - Frequency range	10 Hz to 1 kHz
Sampling rate - Capacitance measurement	Up to 60 mF
Diodetest - Continuity test	Audible continuity signal below 30 Ohm
Ranging	Automatic and manual
Eingangswiderstand	10 MOhm
Dimension	220 x 75 x 35 mm
Weight	340 g
Colour	Red/black
Scope of Delivery	Incl. test leads, batteries and system carrying case



