



















VOLTAGE TESTERS

An overview of usage areas and testing jobs

	6 V voltage testing – e.g. model making		400 V voltage testing – high-voltage power supplies		Semiconductor testing
	12 V voltage testing – e.g. car battery		3–48 V measuring range		Frequency testing
	24 V voltage testing – e.g. Lorry battery		Sliding testing probe		Capacitance testing
	50 V – shock-voltage threshold for the human body		Car check		Resistance testing
	120 V voltage testing – standard voltage in some countries, e.g. USA		Illuminated testing probe		Phase sequence testing
	230 V voltage testing – standard voltage in most European countries		Polarity testing		Continuity testing

Glossary

AC	Abbreviation for alternating current
Ampere (A)	Unit of measurement for electric current
Automatic measuring range selection	The measuring instrument automatically selects the most suitable measuring range
Bargraph	This digital display imitates the movement of an indicator needle on an analogue (mechanical) measuring instrument
CAT	A category rating increasing in hazardousness (CAT I – CAT IV)
°C	Temperature in Celsius
DC	Abbreviation for direct current
Diode test	Testing a diode for continuity or blockage direction
Continuity testing	Testing for sustained continuity in a closed circuit
°F	Temperature in Fahrenheit
Farad (F)	Unit for measuring capacitance
HOLD	Keep the measurement on the display
Hertz (Hz)	Unit of frequency
Manual measuring range selection	Users have to select the measuring range themselves
Ohm (Ω)	Unit of resistance
PEAK	The peak value of a variable voltage