

Multimeters

for science education



Item number	07021-12	07029-12	07123-12	07124-12	07125-12	07128-12
Short description	Analog multimeter for entry-level measurement in the field of electrics	For all measurands and measuring ranges	For particularly easy measuring with automatic range selection	Digital multimeter for beginners	The most important metrics at a fabulous price	Large, high-resolution measuring ranges, high frequency
Display (analog/digital)	analog	digital	digital	digital	digital	digital
Measurement (manual/automatic)	manual	manual	automatic	manual	manual	manual
Measurement parameters and ranges						
DC voltage	0...0.1 V...500 V	0...200 mV...1000 V	0...400 mV...1000 V	0...200 mV...600 V	0...200 mV...1000 V	0...200 mV...1000 V
AC voltage	0...10 V...500 V	0...200 mV...750 V	0...400 mV...750 V	0...200 V...600 V	0...2 V...750 V	0...2 V...1000 V
DC current	0...50 µA...10 A	0...2 mA...20 A	0...400 µA...10 A	0...20 µA...10 A	0...20 µA...20 A	0...200 µA...20 A
AC current	-	0...2 mA...20 A	0...400 µA...10 A	-	0...20 mA...20 A	0...200 mA...20 A
Resistance	0...2 kΩ...20 MΩ	0...200 Ω...2000 MΩ	0...400 Ω...40 MΩ	0...200 Ω...20 MΩ	0...200 Ω...200 MΩ	0...200 Ω...200 MΩ
Capacitance	-	0...20 nF...200 µF	0...10 nF...100 mF	-	0...2 nF...20 mF	0...60 nF...20 mF
Inductance	-	0...2 mH...20 H	-	-	-	-
Frequency	-	0...2 kHz... 10 MHz	0...100 Hz...30 MHz	-	-	0...10 Hz...20 MHz
Temperature	-	-20°C...1000°C	-20°C...1000°C	-	-	-20°C...1000°C
TRMS	-	-	yes	-	yes	yes
Special feature	Mirror scale	-	-	-	Torch	Torch
Overvoltage category	CAT III 600V	CAT IV 600V	CAT III 1000V, CAT IV 600V	CAT III 600V	CAT II 1000V, CAT III 600V	CAT IV 600V