



## Manual ranging multimeters



ST9905



M2005A



UM2010

Range of reliable and robust manual multimeters.  
Sturdy ABS housing, protected by a shock resistant soft moulded holster, waterproof (IP65)

**ST9905 - M2005A**  
• Auto power-off after 15min

**UM2010**  
• Length of the scale: 90mm  
• Safety sockets 4mm

REF.	ST9905	M2005A	UM2010
Display	2.000 points	2.000 points	Analogical
VDC Accuracy	200mV to 1000V 0,5% + 2dgt	200mV to 200V / 0,5% + 3dgt 1000V / 1% + 5dgt	100mV to 1000V 1,5 %
VAC Accuracy	200mV to 700V 1,2% + 3dgt from 50Hz to 400Hz	200mV from 40 to 400Hz / 1,2% + 3dgt 2 to 200V from 40 to 400Hz / 08% + 5dgt 1000V from 40 to 100Hz / 1,2% + 5dgt	10 to 1000V 2,5 %
IDC Accuracy	2mA to 10A (20A during 30s) 1,5% + 3 dgt (3% +10dgt/20A)	2 to 20mA / 0,8% + 3 dgt 200mA / 1,2% + 4 dgt 10A / 2% + 5 dgt	50µA to 10A 1,5 %
IAC Accuracy	2mA to 10A (20A during 30s) 2% + 3dgt (3% +10dgt/20A)	2mA to 20mA from 40 to 200Hz / 1% + 5dgt 200mA from 40 to 200Hz / 2% + 5dgt 210A from 40 to 200Hz / 3% + 10dgt	2,5mA to 10A 2,5 %
OHM Accuracy	200Ω to 200MΩ 1,2% + 1dgt up to 20MΩ	200Ω to 2GΩ 0,8% + 3dgt up to 2MΩ	1 to 1000 kΩ 2 %
Farad Accuracy	2nF to 200µF 4% + 3dgt to 2µF	20nF to 200µF 2,5% + 20dgt up to 20µF	-
Henry Accuracy	-	2mH to 20H 2,5% + 20dgt	-
Frequency Accuracy	-	2kHz to 10MHz 1% + 10dgt	-
Diode test	1mADC under 2,8VDC max		
..)))	Ring for R< 50Ω	Ring for R< 70Ω	Ring for R< 50Ω
°C (type K) Accuracy	-	-20 to 1000°C 1% thermocouple K, C, E, B	-
Ranging	Manual		
Protection	CAT III 1000V Pol 2	CAT III 1000V Pol 2	CAT III 600V Pol 2
Power source	1 battery 9V type 6LR61		
Dimensions	182 x 82 x 55mm / 360g	200 x 100 x 60mm / 483g	170 x 110 x 53mm / 500g
Fuses	0,2A/250V - 5x20mm - fast 20A/250V - 6,3x25mm - fast	200mA - 6 x 32 fast 10A - 10 x 38 fast	500V 1A fast 500V 10A fast
Supplied with	Housing, user's manual, test lead	User's manual, test lead	