

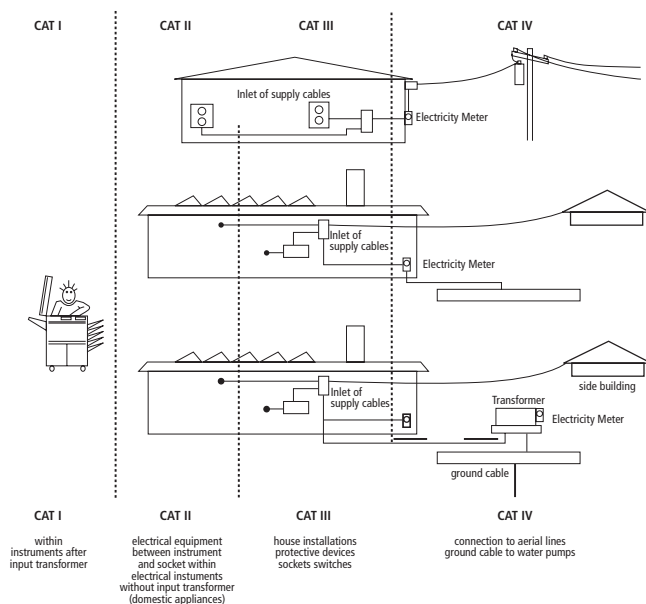
Understanding Measurement Categories:

CAT IV **Category IV (Primary supply level)** is for measurements performed at source of low voltage installation. Examples are electricity meters and measurements on primary over current protection devices and ripple control units.

CAT III **Category III (Distribution level)** is for measurements performed in the building installation. Examples are measurements on distribution boards, circuit breakers, bus bars and junction boxes in fixed installations.

CAT II **Category II (Local level)** is for measurements performed on circuits directly connected to the low voltage installation. Examples are measurements on household appliances, portable tools and similar equipment.

CAT I **Category I (Signal level)** is for measurement of electronic equipment.



Certificate of Conformance:

- Certificate normally issued by the manufacturer that states the instrument meets its specifications



Calibration Certificate:

- Certificate where all the parameters are checked against its specification

Calibrations available:

SANAS (South African National Accreditation System):

- Full SANAS certificate is a calibration where all the parameters are checked against its specifications
- Partial SANAS certificate is a calibration where some of the parameters are checked against its specifications



IEC (International Electrotechnical Commission) is an international safety standards for electrical equipment.

Instruments

Analogue Multimeters

TA501 - Pocket Size

- Low cost
- Battery check
- Continuity
- Relative zero
- 0Ω adjustment



Technical Specification

DC Voltage	2,5,10,50,250,500V
AC Voltage	10,50,250,500V
DC Current	0,5,10,250mA
Resistance Full Scale	10K,1MΩ
Resistance Mid Scale	50Ω
Db	-100 to + 22
Accuracy	
DC Voltage	±4%
AC Voltage	±5%
DC Current	±4%
Resistance	±4%
Protection	
DC Current	0,5 A/250V

Model Specification

Dimensions (mm)	104(L) x 63(W) x 30(H)
Power Source	1.5V AA Battery
Weight	110g

T7001H - Pocket Size

- Low cost
- Battery check
- C/W Leads
- Relative zero
- 0Ω adjustment



Technical Specification

DC Voltage	2,5,10,50,250,500V
AC Voltage	10,50,250,500V
DC Current	0,5,10,250mA
Resistance	20K,2MΩ
Battery Test	1.5V, 9V
Accuracy	
DC Voltage	±5%
AC Voltage	±5%
DC Current	±5%
Resistance	±5%
Protection	
DC Current	200mA/250V FAST FUSE
Fuse	200mmA 250V (20x5)mm

Model Specification

Dimensions (mm)	120(L) x 60(W) x 30(H)
Power Source	1.5V AA Battery
Weight	125g

T2010BA Electricians

- Max 10A DC current
- Battery check
- Fuse and diode protection
- Diode and transistor test
- 0Ω adjustment



Technical Specification

DC Voltage	0,1,2,5,10,50,250,1000V
AC Voltage	10,50,250,1000V
DC Current	50μ,2,5,250 m/10A
Resistance	x1,x10,x1k,x10kΩ (200MΩ)
Decibels	-10 to 62 dB
Fuse	0,5A 250V (5x20)mm
ACCURACY	
DC Voltage	3%
AC Voltage	4%
DC Current	3%
Resistance	3%

Model Specification

Dimensions (mm)	150(l) x 100(w) x 38(h)
Power Source	2 x 1.5V AA Batteries
Weight	300g