Analog Multimeter

DE-360TRN/361TRN/365TRN

FEATURES:

- Total Protection-patented design(perfectly fit for use of production line, work shop, DIY at home, education, amateur or hobby)
- Big shiny scale
- Stand Rack Attached For Reading Easily

TEMPERATURE / HUMIDITY:

- **Operation:**0°C~40°C(32°F~104°F) / below 80% R.H. (no condensation)
- **Storage:**-10°C~50°C(14°F ~ 122°F) / below 80% R.H. (no condensation)

ACCESSORIES:

- Battery 1.5V(UM-3,AA).....1
- Battery 9V(006P,6F22).....2
- Instruction Manual.....1
- Test Leads (red+black).....1
- Spare Fuse Fast Fuse-0.5A/250V (∅5x20mm) put interior of multimeter.....1

DIMENSION & WEIGHT:

- 152(L)x100(W)x38(H)mm (5.98"x3.93"x1.5")
- DE-360TRN Approx. 220g(0.49 lbs)
  DE-361TRN Approx. 220g(0.49 lbs)
  DE-365TRN Approx. 255g(0.56 lbs)
  (excluding Batteries)

SPECIFICATION: (23°C± 5°C, 80% R.H. MAX.)

* arc:the angle of deflection

Measurement	Range	Accuracy			Remark
		DE-360TRN	DE-361TRN	DE-365TRN	
Movement		Pivot & Jewel	Pivot & Jewel	Pivot & Jewel	
DCV	0.1V 0.5V 2.5V 10V 50V 250V 1000V	Within ± 3% F.S.	Within ± 3% F.S.	Within ± 3% F.S.	Input impedance 20KΩ/V
ACV	10V 50V 250V 1000V	Within ± 4% F.S.	Within ± 4% F.S.	Within ± 4% F.S.	Input impedance 9KΩ/V
DCmA	50μA 2.5mA 25mA 250mA	Within ± 3% F.S.	Within ± 3% F.S.	Within ± 3% F.S.	Voltage drop 250mV (100mV for 50μA)
DCA	10A			Within ± 3% F.S.	
ACA	10A			Within ± 5% F.S.	
Buzzer	Conduct indicator (Buzzer is emitted at about 20Ω or less)		V	V	Power consumption approx. 150mA same as Ωx1 range
Resistance (Ω)	X1 :0~ 2kΩ Center 20Ω X10 :0~ 20kΩ Center 200Ω X100:0~ 200kΩ Center 2kΩ X1k :0~ 2MΩ Center 20kΩ X10k:0~ 20MΩ Center 200kΩ	Within ± 3% of arc	Within ± 3% of arc	Within ± 3% of arc	Batteries UM-3 (1.5V) X2 006P (9V) X1
Battery Test (BATT.)	0~1.5V GOOD-?-BAD Color-coded scale		Within ± 5% of arc		Load current 1.5V 250mA 9V 25mA
	0~ 9V GOOD-?-BAD Color-coded scale		Within ± 5% of arc		
dB	-10dB~+22dB(FOR 10VAC)~+62dB 0dB/0.775V (1mW through 600Ω)	Within ± 4% F.S.	Within ± 4% F.S.	Within ± 4% F.S.	9KΩ /V
Leakage current (Iceo) (LI)	0~ 150μA at x 1k range 0~ 1.5mA at x 100 range 0~ 15mA at x 10 range 0~ 150mA at x 1 range	Within ± 5% of arc	Within ± 5% of arc	Within ± 5% of arc	Current across terminal
Terminal to terminal Voltage (LV)	Common to each Ω range 3V-0V (Reverse of LI scale)	Within ± 5% of arc	Within ± 5% of arc	Within ± 5% of arc	Voltage applied across terminal
DC Current amplification factor (hFE)	Transistor hFE : 0-1000 (in x 10Ω range) $\frac{IC}{IB}$	Within ± 3% of arc	Within ± 3% of arc	Within ± 3% of arc	Insert hFE pin (on scale) directly
LED	in x 10Ω range	V	V	V	Insert ± LED pin (on scale) directly