



BENCHTOP DIGITAL MULTIMETER



TM 1951/1961

NEW



Features

- .5 1/2; 6 1/2 digit display
- .12 different measurement capabilities,DCV/ACV.DCI/ACI, Ω 2W/ Ω 4W,Frequency/Period,Diode Test/Continuity,dB/dBm,etc
- .True-rms AC voltage and current measurement
- .DCV measurement accuracy up to 0.01%/0.0045%, resolution:1uV/0.1uV
- .Max. measurement rate: 40 meas/sec
- .Equal accuracy frequency measurement greater than 1MHz
- .Zeroing(REL) mode to offset residual reading
- .2W, 4W resistance measurement mode selectable
- .Build in mX+b,%,dB,dBm etc mathematics calculation function
- .512 readings storage and MAX/MIN/AVER/STD statistics
- .HI/LN/LO comparator
- .GBIB and RS-232 Interface for easy communication
- .10 sets of meter status can be stored and loaded



TM 1951

Technical Data		TM1951	TM1961
DC voltage	Range	100mV~1000V	100mV~1000V
	Accuracy	0.010%±0.0035%	0.005%±0.0010%
	Resolution	1 μ V	0.1 μ V
AC voltage	Range	100mV~750V	100mV~750V
	Accuracy	0.10%±0.10%	0.06%±0.05%
	Resolution	1 μ V	0.1 μ V
DC current	Bandwidth	10Hz~100KHz	5Hz~300KHz
	Range	10mA~10A	10mA~3A
	Accuracy	0.050%±0.010%	0.050%±0.005%
AC current	Resolution	100nA	10nA
	Range	10mA~10A	1A~3A
	Accuracy	0.25% ±0.08%	0.15% ±0.06%
Resistance	Bandwidth	10Hz~10KHz	5Hz~10KHz
	Resolution	100nA	1 μ A
	Range	100 Ω ~100M Ω	100 Ω ~100M Ω
Frequency	Accuracy	0.030%±0.005%	0.015%±0.002%
	Resolution	1m Ω	100 μ Ω
	Test Current	0.7 μ A~1mA	0.7 μ A~1mA
Reading Rate	Range	5Hz~1.1MHz	5Hz~1.1MHz
	Accuracy	0.005%±0.002%	0.005%±0.002%
	Resolution	10 μ Hz	1 μ Hz
MAX.Reading	Input Sencitivity	40mVrms	40mVrms
	Fast	45	45
	Medium	24	24
Power supply	Slow	3.7(DCV,DCI);2.3(ACV,ACI);3.7(Ω ~2W)	2.3(DCV,DCI);1.5(ACV,ACI);2.3(Ω ~2W)
	Fast	11,999	11,999
	Medium	119,999	119,999
Weight	Slow	119,999	1,199,999
Dimensions (WxHxD)		110 ~ 127VAC±10%/220 ~ 240VAC±10%, 50Hz±2Hz/60Hz±2Hz	
Weight		2.5kg	
Dimensions (WxHxD)		225 mm×100 mm×355 mm	

Supplied by: **Test and Measurement Instruments C.C.** www.instrumentsgroup.co.za

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