

CAT IV 600V Multimeter (TM-81, TM-82, TM-86, TM-87)

MULTIMETERS



TENMARS

NEW
MULTIMETERS



CAT IV
 600V



TM-81



TM-82



TM-86



TM-87

	TM-81	TM-82	TM-86	TM-87
Overvoltage Category	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V
Trms	—	—	—	√
LCD	1999 counts	1999 counts	3999 counts	3999 counts
Sampling rate	2.5/s	2.5/s	2.5/s	2.5/s
Backlit	—	YES	YES	YES
Bargraph	—	—	—	YES
Auto power off	√	√	√	√
DC Voltage	0.1mV~600V(0.8%+1)	0.1mV~600V(0.8%+1)	0.1mV~600V(0.8%+2)	0.1mV~1000V(0.5%+2)
AC Voltage	0.001V~600V(1.5%+3)	0.001V~600V(1.5%+3)	0.001V~600V(0.8%+3)	0.1mV~1000V(1.3%+5)
DC Current	—	—	0.01A~10A(1.2%+3)	0.1uA~10A(1.0%+3)
AC current	—	—	0.01A~10A(1.2%+3)	0.1uA~10A(1.5%+5)
Resistance	200Ω, 2k, 20k, 200k, 2M, 20M	200Ω, 2k, 20k, 200k, 2M, 20M	400Ω, 4k, 40k, 400k, 4M, 40M	400Ω, 4k, 40k, 400k, 4M, 40M
Accuracy	(1.0%+3)	(1.0%+3)	(1.0%+2)	(1.0%+2)
Protection	600Vrms	600Vrms	600Vrms	1000Vrms
Continuity Buzzer	YES	YES	YES	YES
Diode Test	YES (1.5V)	YES	YES	YES
Frequency	—	—	0.01Hz~99.99kHz	1Hz~40MHz
Duty Cycle	—	—	20~80%	—
Accuracy	—	—	±(1.0%+5)	—
Capacitance	—	—	5n, 50n, 500n, 5u, 50u, 100uF	4n, 40n, 400n, 4u, 40u, 400u, 4m, 40mF
Accuracy	—	—	±(3%+5)	±(1%+5)
Temperature	—	-40~600°C -40°F~1382°F	—	—
Range Hold	√	√	√	√
Data hold	√	√	√	√
Max	√	√	—	Max/Min
Peak hold	—	—	—	√
REL	—	—	√	√
Accessories: - Carrying case, test leads, manual, battery	●	● OPTION : T10 Temp adapter	●	●

*Top and Bottom shell are double injection (ABS+TPR)