

FET Tester



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EM7000

High sensitivity for measurement of lower capacitance

- High input impedance (DCV2.5~12MΩ/V), and 0.12μA range (DCA)
- Bandwidth 40Hz~1MHz AC sign wave
- Rectangular pulse P-P (Peak to Peak) measurement (duty cycle 20% and above)
- Wide ohm range 0.2Ω~200MΩ

Bandwidth : 40Hz~1MHz (12V range and below)
Safety : IEC61010-1 (EN61010-1) 2001-02 CAT. III
600V Max.

Optional accessories

High voltage probe : HV-50
Carrying case : C-CA
Clip adapter : CL-11, TL-8IC, CL-15
Test lead : TL-21M



Function	Measuring range	Accuracy
DCV	0.3/1.2/3/12/30/120/300/1000V	±3% of full scale
±DCV	±0.15/0.6/1.5/6/15/60/150/600V	±7% of full scale
ACV	3V (approx. 2.5MΩ)/12V (approx. 1.1MΩ)	±3% of full scale
rms (50 / 60Hz)	30V (approx. 800kΩ)/120/300V (approx. 800kΩ) / 750V (approx. 10MΩ)	±3% of full scale
ACV	Sine wave: 8.4V (approx. 2.5MΩ/V) / 33V (approx. 1.1MΩ/V)	±5% of full scale
P-P	84V (approx. 800MΩ/V) / 330/840V (approx. 800kΩ/V)	±5% of full scale
	Square symmetric wave: 8.4V (2.5MΩ/V)	±6% of full scale
	Triangular symmetric wave: 8.4V (2.5MΩ/V)	±6% of full scale
DCA	0.12μA/0.3mA/3mA/30mA/300mA/6A	±4% of full scale
DCA (NULL)	±0.06μA/±0.15mA/1.5mA/15mA/150mA	±7% of full scale
ACA	6A	±3% of full scale
Resistance	2k/20k/200k/2M/20M/200MΩ	±3% of arc
dB	-10~+51dB	±3% of arc
Bandwidth	40Hz~1MHz (below 12V range)	
Battery	R6P 1.5V×2, 6F22 9V×1	
Fuse	φ5.0×20mm ceramic (250V / 0.5A) φ5.0×20mm ceramic (250V / 6.3A)	
Size / Weight	H165×W106×D46mm / approx. 375g	
Standard accessories included	Test lead (TL-21), Spare fuse, Instruction manual,	

The value in () at DCV and ACV is input resistance.

Multifunctional model



CX506a

Capacitor & Transistor checker (built-in oscillator)

- 26ch switch, wide range measurement
- Capacitance measurement 50pF~2000μF
- High input impedance 50kΩ / V (DC3~300V range)
- Switchable DC polarity

Bandwidth : 40Hz~30kHz (3V and 12V),
40Hz~10kHz (30V range)

Safety : IEC61010-1 (EN61010-1) 2001-02 CAT. III
600V Max.

Optional accessories

High voltage probe : HV-50
Carrying case : C-CA
Clip adapter : CL-11, TL-8IC, CL-15
Test lead : TL-21M



Function	Measuring range	Accuracy
DCV	120m (4kΩ) / 3/12/30/120 300 (50kΩ/V) / 1000V (15kΩ)	120m : ±4% ±2.5% of full scale ±3% of full scale (Less than 12V range : ±4%)
ACV	3/12/30/120/300/750V (8kΩ/V)	
DCA	30μA/0.3mA/3mA/30mA/0.3A	±2.5% of full scale
Resistance	5k/50k/500k/5M/50MΩ	±3% of arc
Capacitance	C1 : 50p~0.2μF C2 : 0.01μ~20μF C3 : 1~2000μ	C1/C2 ±6% of arc
hFE (DC Current Amplification Factor)	Transistor hFE: 0~1000	—
Bandwidth	40~30kHz (12V: 40Hz~30kHz 30V~ : 40Hz~10kHz)	
Battery	R6P×2, 6F22×1	
Fuse	φ5.0×20mm (250V/0.5A) arc-extinguishing material in ceramic tube	
Size / Weight	H165×W106×D46mm/approx. 370g	
Standard accessories included	Test lead (TL-21), Alligator Clip lead (CL-506) Instruction manual, Spare fuse	

The value in () at DCV and ACV is input resistance.



YX-361TR

Wide measurement range

- Total 35 wide ranges (24ch sw + additional functions)
- ±DCV zero center meter
- LED for continuity check
- OUTPUT terminal (series capacitor terminal)
- Battery check

Optional accessories

High voltage probe : HV-10
Carrying case : C-YS
Clip adapter : CL-11, TL-8IC



Function	Measuring range	Accuracy
DCV (NULL)	0.1/0.5/2.5/10/50/250/1000V (20kΩ/V)	±2.5% of full scale
ACV	±5/25V (40kΩ/V)	±2.5% of full scale
	2.5/10/50/250/1000V (9kΩ/V)	±3% of full scale (3V : ±5%)
DCA	50μA/2.5mA/25mA/0.25A	±2.5% of full scale
Resistance	2k/20k/200k/2M/20MΩ	±3% of arc
dB	-10~+62dB	±3% of full scale (3V : ±5%)
Continuity	LED : emitting light at 100 or less. Open voltage : 3V	
Battery check	1.5V	
Bandwidth	40~30kHz (less than 30V : ±3%) 30~100kHz (less than 30V : ±1dB)	
Battery	R6P×2, 6F22×1	
Fuse	φ5.2×20mm (250V / 0.5A)	
Size / Weight	H150×W100×D37mm / approx. 290g	
Standard accessories included	Test lead (TL-61), Instruction manual	

The value in () at DCV and ACV is input resistance.