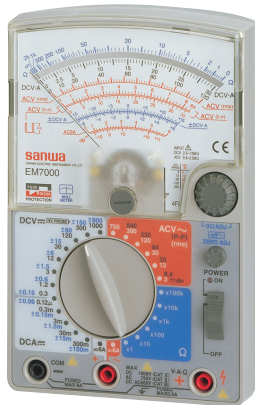


FET Tester



EM7000

High sensitivity for measurement of lower capacitance

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

Bandwidth : 40Hz~1MHz (12V range and below)

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

Optional accessories

HV probe : HV-50
Carrying case : C-CA
Clip adapter : CL-11, TL-8IC, CL-15
Test lead : TL-21M, TLF-120



Function	Measuring range	Accuracy
DCV	0.3/1.2/3/12/30/120/300/1000V	$\pm 3\%$ of full scale
$\pm$ DCV	$\pm 0.15/0.6/1.5/6/15/60/150/600V$	$\pm 7\%$ of full scale
ACV rms (50 / 60Hz)	3V (approx. 2.5M Ω /V) 12V (approx. 1.1M Ω) 30V (approx. 800k Ω /V) 120/300V (approx. 800k Ω /V) 750V (approx. 10M Ω)	$\pm 3\%$ of full scale
ACV P-P	Sine wave: 8.4V (approx. 2.5M Ω /V) 33V (approx. 1.1M Ω /V) 84V (approx. 800M Ω /V) 330/840V (approx. 800k Ω /V)	$\pm 5\%$ of full scale
	Square symmetric wave: 8.4V (2.5M Ω /V)	$\pm 6\%$ of full scale
	Triangular symmetric wave: 8.4V (2.5M Ω /V)	$\pm 6\%$ of full scale
DCA	0.12 μ /0.3m/3m/30m/300m/6A	$\pm 4\%$ of full scale
DCA (NULL)	$\pm 0.06\mu$ / $\pm 0.15m/1.5m/15m/150mA$	$\pm 7\%$ of full scale
ACA	6A	$\pm 3\%$ of full scale
Resistance	2k/20k/200k/2M/20M/200M Ω	$\pm 3\%$ of arc
dB	-10~+51dB	$\pm 3\%$ of arc
Bandwidth	40Hz~1MHz (below 12V range)	
Battery	R6P 1.5V $\times$ 2, 6F22 9V $\times$ 1	
Fuse	$\phi 5.0 \times 20mm$ ceramic (250V / 0.5A) $\phi 5.0 \times 20mm$ ceramic (250V / 6.3A)	
Size / Weight	H165 $\times$ W106 $\times$ 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~2000 μ F
- High input impedance 50k Ω / 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

HV probe : HV-50
Carrying case : C-CA
Clip adapter : CL-11, TL-8IC, CL-15
Test lead : TL-21M, TLF-120



Function	Measuring range	Accuracy
DCV	120m (4k Ω)/3/12/30/120 300 (50k Ω /V)/1000V (15k Ω)	120m : $\pm 4\%$ $\pm 2.5\%$ of full scale
ACV	3/12/30/120/300/750V (8k Ω /V)	$\pm 3\%$ of full scale (Less than 12V range : $\pm 4\%$)
DCA	30 μ /0.3m/3m/30m/0.3A	$\pm 2.5\%$ of full scale
Resistance	5k/50k/500k/5M/50M Ω	$\pm 3\%$ of arc
Capacitance	C1 : 50p~0.2 μ F C2 : 0.01 μ ~20 μ F C3 : 1~2000 μ F	C1/C2 $\pm 6\%$ of arc
hFE (DC Current Amplification Factor)	Transistor hFE: 0~1000	—
Bandwidth	40~30kHz (12V: 40Hz~30kHz 30V~ : 40Hz~10kHz)	
Battery	R6P $\times$ 2, 6F22 $\times$ 1	
Fuse	$\phi 5.0 \times 20mm$ (250V/0.5A) arc-extinguishing material in ceramic tube	
Size / Weight	H165 $\times$ W106 $\times$ D46mm/ approx. 370g	
Standard accessories included	Test lead (TL-21), 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)
- $\pm$ DCV zero center meter
- LED for continuity check
- OUTPUT terminal (series capacitor terminal)
- Battery check

Optional accessories

HV probe : HV-10
Carrying case : C-YS
Clip adapter : CL-11, TL-8IC
hFE probe : HFE-6



Function	Measuring range	Accuracy
DCV (NULL)	0.1/0.5/2.5/10/50/250/1000V (20k Ω /V) $\pm 5/25V$ (40k Ω /V)	$\pm 2.5\%$ of full scale $\pm 2.5\%$ of full scale
ACV	2.5/10/50/250/1000V (9k Ω /V)	$\pm 3\%$ of full scale (3V : $\pm 5\%$)
DCA	50 μ /2.5m/25m/0.25A	$\pm 2.5\%$ of full scale
Resistance	2k/20k/200k/2M/20M Ω	$\pm 3\%$ of arc
dB	-10~+62dB	$\pm 3\%$ of full scale (3V : $\pm 5\%$)
Continuity	LED : emitting light at 10 Ω or less. Open voltage : 3V	
Battery check	1.5V	
Bandwidth	40~30kHz (less than 30V : $\pm 3\%$) 30~100kHz (less than 30V : $\pm 1dB$)	
Battery	R6P $\times$ 2, 6F22 $\times$ 1	
Fuse	$\phi 5.2 \times 20mm$ (250V / 0.5A)	
Size / Weight	H150 $\times$ W100 $\times$ D37mm / approx. 290g	
Standard accessories included	Test lead (TL-61), Instruction manual	

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