

# AC Analog Leakage Meter



506 EL

507 EL


The 506 EL and 507 EL are special purpose AC milliammeters designed to measure hazardous leakage currents from electrical appliances and other power-line operated equipment.

## FEATURES

- Optional for pivot or taut band movement
- Compact and lightweight; easy to use and store
- Mirror scale for easier viewing & reading
- Built-in stand makes reading and measuring easy
- 200µA full scale value
- Fuse protection
- Low battery indication

## SPECIFICATIONS

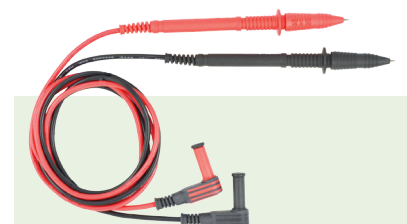
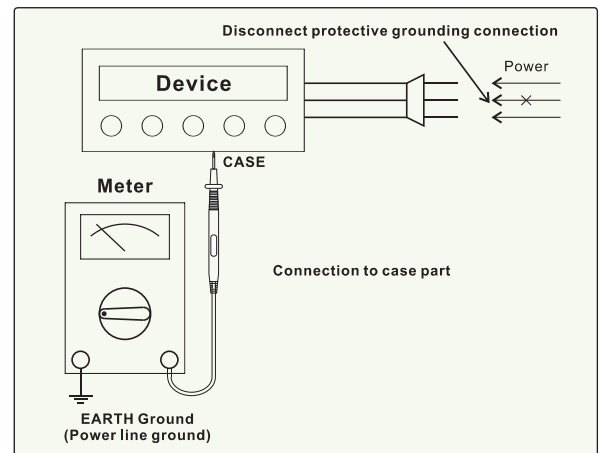
AC Leakage Current		506 EL	507 EL
Measuring ranges	0.3mA / 1mA / 3mA / 10mA / 30mA	0.3mA / 1mA / 3mA / 10mA / 30mA	
Accuracy	±2% of full scale	±2% of full scale	
Input resistance	1.5kΩ	1.5kΩ / 2kΩ	
AC Voltage			
Measuring ranges	0-300 / 0-600V	0-150 / 0-300V	
Accuracy	±2% of full scale	±2% of full scale	
Input impedance	300V 1MΩ 600V 2MΩ	150V 500kΩ 300V 1MΩ	
General			
Low battery indication	Battery check indicate good battery from 7Vdc to 9Vdc during a load test of 2mA		
Dimensions	160(L) × 100(W) × 45(D)mm		
Weight (battery included)	Approx. 360g	Approx. 370g	
Power source	9V (6F22) × 1		
Safety standard	EN 61010-1 CAT III 600V EN 61326-1		
Accessories	Instruction manual Test leads Battery		



## APPLICATIONS

- Motor operated appliances:  
washing machines, electrical pumps, lawn mowers, refrigerators, electric drills, electric fans, vending machine
- Electro-thermal appliances:  
toasters, electric stoves, electric curling irons, hair dryers
- Electronic appliances:  
microwave ranges, TV receivers, welding machines
- Light source appliances:  
projectors, duplicators, photographic enlargers
- Other appliances:  
portable generators, burglar alarms, medical and dental equipment

## TESTING DIAGRAM



AL-24-3