

## MIR-202 Insulation Resistance Meter



### Overview:

MIR-202 is a digital insulation resistance meter, also known as Mega ohm meter, high voltage insulation resistance tester, and is widely used for insulation resistance test. This instrument has the functions of data storage, data access, alarm, automatic shutdown and so on. At the same time, it also has the function of measuring the AC voltage absorption ratio and the polarization index of the DC voltage. MIR-202 is widely used as an indispensable instrument in electricity engineering, post and telecommunications, communications, mechanical and electrical installation and maintenance, etc. The device is suitable for measuring the resistance value of various insulating materials and insulation resistance of transformers, electro motors, cable insulation and electrical equipment.

### Features:

- High resolution
- Convenient operation
- Stable performance
- Backlight ON/OFF selection



Package includes:  
 - Main unit  
 - Batteries  
 - User's manual  
 - High Voltage Test Wires



Parameter	Values			
Function	Output Voltage	Measuring Range	Accuracy	Resolution
Insulation Resistance	100V (±10%)	0~20MΩ	±3%rdg±5dgt	0.01MΩ
		20~200MΩ	±3%rdg±5dgt	0.1MΩ
		200~2000MΩ	±3%rdg±5dgt	1MΩ
		2G~20GΩ	±5%rdg±5dgt	0.01 GΩ
	250V (±10%)	0~20MΩ	±3%rdg±5dgt	0.01MΩ
		20~200MΩ	±3%rdg±5dgt	0.1MΩ
		200~2000MΩ	±3%rdg±5dgt	1MΩ
		2G~20GΩ	±5%rdg±5dgt	0.01 GΩ
	500V (±10%)	0~20MΩ	±3%rdg±5dgt	0.01MΩ
		20~200MΩ	±3%rdg±5dgt	0.1MΩ
		200~2000MΩ	±3%rdg±5dgt	1MΩ
		2G~20GΩ	±5%rdg±5dgt	0.01 GΩ
2500V (±10%)	20~200MΩ	±3%rdg±5dgt	1MΩ	
	200~2000MΩ	±5%rdg±5dgt	0.01GΩ	
	20G~200GΩ	±10%rdg±10dgt	0.1GΩ	
Function	Measuring Range	Accuracy	Resolution	
DC Voltage	DC0.0~1000V	±1.5%rdg±3dgt	0.1V	
AC Voltage	AC0.0~750V	±1.5%rdg±3dgt	0.1V	
Technical Specifications				
Overall Insulation Resistance Range	0.01MΩ~200GΩ			
Rated Voltage	100/250/500/1000/2500 , ±3%rdg±5dgt			
Measure Voltage	Rated Voltage× (1±10%)			
Short Circuit Current	1mA (2500V) Approximately			
Absorption ratio and the polarization index	Supported			
Display	4 Digit large LCD, gray-black backlight, Suitable for dark places			
LCD Size	108mm×65mm			
Test Wires	High Voltage Test Wires: Red Wire*1m, Black*1m,Green*1m			
Data Storage	500Sets, Display flashing "FULL" indicates that the storage is full			
Data access function	"MR" symbol on display			
Overflow display	Range overflow function: "OL" symbol display			
Alarm function	The alarm Prompts when the measured data exceeds the alarm set value			
Power consumption	Working mode: 80mA Max, Standby mode: Max 40mA (backlight off)			
Low Battery indicator	yes			
Auto-Power Off	After 15 minutes			
Insulation Resistance	≥50MΩ (1000V)			
Voltage Resistance	AC3kV/50Hz 1min			
Working environment	-10℃~+ 50℃ <85%RH			
Working environment (Accuracy insured)	<65% RH (no condensation), 23℃ ±5℃			
Safety Apply to	IEC61010-1、 IEC1010-2-31、 IEC61557-1,5 IEC60529(IP54)、 CAT III 300V			
Power supply	Alkaline battery 1.5V (LR14)*6pcs			
Weight	1.23 kg			
Dimensions	240mm(L)×188mm(W) ×85mm(H)			