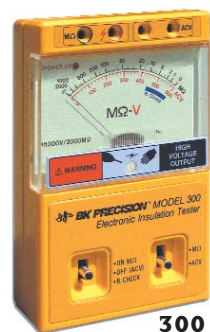


Insulation Testers (Megohmmeters)

These insulation testers are intended primarily for periodic testing of industrial motors, transformers, electrical wiring, and cable insulation for signs of deterioration. Low readings may indicate impending failure and permit replacement during routine maintenance rather than risking production downtime. Also useful for safety testing of TV sets and appliances to assure no hazardous leakage current. The voltage and resistance ratings for insulation testing are often specified for the product to be tested.



300



305

Models 300, 305

- Test insulation resistance
- Measure AC voltage to 600V
- Battery powered
- 1000V, 2000M Ω (Model 300)
- 500V, 1000M Ω (Model 305)

Models 307, 308

- Selectable 250V, 500V, or 1000V insulation test
- Low resistance test
- Extra rugged integral carrying case
- Live circuit indicator warns of safety hazard
- Push to test

Specifications

	300	305	307	308	models		
Type	Analog	Analog	Analog	Digital			
Output Voltage	1000VDC	500VDC	1000VDC	1000VDC			
Maximum current	250μA	500μA	2mA	1.2mA			
Resistance Range	1MΩ -2000MΩ	0.2MΩ - 1000 MΩ	1000V 0-200MΩ	0-2000MΩ			
			500V 0-100MΩ	0-2000MΩ			
			250V 0-50MΩ	0-2000MΩ			
Center Scale	50MΩ	20MΩ	1MΩ, 2MΩ, 4MΩ	Does not apply			
Accuracy				250V	500V	1000V	
	Infinity: within 1% of scale length			0-100Ω	±(1.5%+3D)	±(1.5%+2D)	±(1.5%+2D)
	Zero: within 1% of scale length			100-200MΩ	±(2%+5D)	±(1.5%+2D)	±(1.5%+2D)
	All points ±5% of reading			200-1700MΩ	±(3%+7D)	±(3%+4D)	±(3%+3D)
				1700-2000MΩ	±(4%+8D)	±(4%+6D)	±(4%+5D)
AC Voltage Test							
Range	0 to 600 VDC		Live Circuit Indicator				
Frequency Response	10Hz to 100kHz						
Accuracy	±4% of full scale						
Low resistance Test	Does not apply		0-50Ω	0-200Ω			
Accuracy	Does not apply		±5% of reading	±(1.5% + 2 digits)			
General Specifications							
Power Requirements	Six "AA" cells (supplied)		Eight "AA" cells (supplied)				
Battery Life	4 hours typical alkaline		12 hours continuous	10 hours continuous w/alkaline			
Operating Temperature	32° to 122°F (0° to 50°C), ≤ 70% RH						
Storage Temperature	-4° to 140°F (-20° to 60°C), <80% RH (with batteries removed)						
Dimensions	6.66 x 4.18 x 1.42" (169 x 106 x 36mm)		7 x 8.5 x 3.5" (180 x 220 x 90mm)				
Weight	15oz. (430g) w/batteries		2.6 lb (925g) with batteries				

Accessories

One Year Warranty

Supplied: Batteries, Carrying Case, Test Leads, Instruction Manual	Batteries, Integral Carrying Case w/strap, Test Lead, Instruction Manual
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Mouser Electronics

Authorized Distributor

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[B&K Precision:](#)

[305](#) [300](#)