

# BK Precision Insulation Testers

## Models [307A](#) and [308](#)

Part Nos. 01BK307 and 01BK308

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### Model 307A

Specifications	model 307A		
<b>Insulation Resistance</b>			
Test Voltage (DC V)	250V	500V	1000V
Output Voltage on open circuit	Rated test Voltage +10%		
Measuring Ranges	0 - 100M $\Omega$	0 - 200M $\Omega$	0 - 400M $\Omega$
Mid-Scale Valve	1M $\Omega$	2M $\Omega$	4M $\Omega$
Scale Multiplier	$\times 1/2$	$\times 1$	$\times 2$
Accuracy	$\pm 3\%$ of indicated value		
Output Short-Circuit Current	1.3mA		
<b>Continuity</b>			
Measuring Ranges	3 $\Omega$ / 500 $\Omega$		
Output Short-Circuit Current	$\geq 210$ mA		
Accuracy	$\pm 1.5\%$ of scale length		
<b>AC Voltage</b>			
AC Voltage Range	0 - 600V AC		
Accuracy	$\pm 3\%$ of scale length		
<b>General</b>			
Voltage Warning	Warning light circuit live lit From 90Vdc / 70Vac Buzzer beep from 24Vac/dc		
Battery Check	Battery check indicate good batteries from 8Vdc to 13Vdc during a load test of 205mA		
Battery OK	Battery OK Led from 8Vdc and is operative while testing		
Power Source	1.5V (AA) $\times$ 8		
Dimension	170 (L) $\times$ 165 (W) $\times$ 92 (D) mm (with housing front cover)		
Weight	1.1kg (battery included)		
Accessories Included	Test leads Fuse 0.5A 250V Shoulder Strap Instruction manual Batteries		

# Model 308

Specifications		model 308		
Type	Digital			
Output Voltage	1000VDC			
Maximum current	1.2mA			
Resistance Range	0 - 2000MΩ			
	0 - 2000MΩ			
	0- 2000MΩ			
Center Scale	Does not apply			
Accuracy				
		250V	500V	1000V
	0-100Ω	±(1.5%+3D)	±(1.5%+2D)	±(1.5%+2D)
	100-200MΩ	±(2%+5D)	±(1.5%+2D)	±(1.5%+2D)
	200-1700MΩ	±(3%+7D)	±(3%+4D)	±(3%+3D)
	1700-2000MΩ	±(4%+8D)	±(4%+6D)	±(4%+5D)
AC Voltage Test				
Range Frequency Response	Live Circuit Indicator			
Accuracy				
Low resistance Test	0-200Ω			
Accuracy	±(1.5% + 2 digits)			
General Specifications				
Power Requirements	Eight "AA" cells (supplied)			
Battery Life	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	7x8.5x3.5" (180x220x90 mm)			
Weight	2.6 lb. (925g) with batteries			
One Year Warranty				
Accessories				
Batteries, Integral Carrying Case w/strap, Test Lead, Instruction Manual				