

KEW INSULATION TESTERS

Model 3140 and 3310 series are our standard insulation testers supplied with a test probe having a remote control switch as a standard accessory. Model 3140 series features its miniature size and Model 3310 series four insulation testing voltages. All of these models are designed to IEC348 safety standard.

Selection Guide

MODEL	3144	3145	3146	3161	3313	3314
Test voltage	250V 500V	125V 250V	50V 125V	15V 500V	125V 250V 500V 1000V	50V 125V 250V 500V
Illuminatd scale	●	●	●	●	●	●
Automatic discharge	●	●	●	●		
Remote control switch	●	●	●	●	●	●

MODEL 3144/3145/3146/3161



- Miniature lightweight insulation tester. It weighs only 340g(battery included), but carries full measurement functions.
- Automatic discharge of circuit capacitance.
- Test leads with remote control switch .
- New robust housing case.
- Back light function.
- Neck strap for both hand's operation.

MODEL 3313/3314



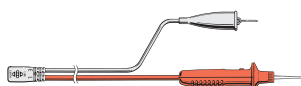
- 4 test voltages plus AC voltage range.
- Colour coded scales and range switch position for easy reading.
- Test leads with remote control switch .
- New robust housing case.
- Back light function.
- Neck strap for both hand's operation.

Specifications

MODEL	Model 3144	Model 3145	Model 3146	Model 3161	Model 3313	Model 3314
Insulation Resistance						
DC Test Voltage	250V/500V	125V/250V	50V/125V	15V/500V	125V/250V/500V/1000V	50V/125V/250V/500V
Measuring Ranges	100MΩ/200MΩ	50MΩ/100MΩ	20MΩ/50MΩ	10MΩ/100MΩ	20MΩ/50MΩ/100MΩ/2000MΩ	10MΩ/20MΩ/50MΩ/100MΩ
Mid-Scale Value	1MΩ/2MΩ	0.5MΩ/1MΩ	0.2MΩ/0.5MΩ	0.05MΩ/2MΩ	0.5MΩ/1MΩ/2MΩ/50MΩ	0.2MΩ/0.5MΩ/1MΩ/2MΩ
Primary Effective Measuring Ranges Accuracy	0.05~20M/ 0.1~50M	0.02~10M/ 0.05~20M	0.01~5M/ 0.02~10M	0.005~2M/ 0.1~50M	0.02~10M/0.05~20M/ 0.1~50M/2~1000M	0.01~5M/0.02~10M/ 0.05~20M/0.1~50M
	±5% of Indicated Value				±5% of Indicated Value	
Secondary Effective Measuring Ranges Accuracy	20~50M/ 50~100M	10~20M/ 20~50M	5~10M/ 10~20M	2~10M/ 50~100M	10~20M/20~50M/ 50~100M/100~2000M	5~10M/10~20M/ 20~50M/50~100M
	±10% of Indicated Value				±10% of Indicated Value	
AC Voltage	600V	300V		600V	600V	
Accuracy	±3% of Full Scale Value				±3% of Full Scale Value	
Safety Standard					IEC61010-1 CAT. III 600V Pollution Degree 2	
Standard	IEC348				IEC348	
Withstand Voltage	4000V AC for 1 minute				6000V AC for 1 minute	
Power Source	R6P(AA)(1.5V) × 4				R6P(AA)(1.5V) × 8	
Dimensions	90(L) × 137(W) × 40(D)mm				175(L) × 115(W) × 87.5(D)mm	
Weight	340g approx.				650g approx.	
Accessories	7078(Test Lead with Remote Control Switch) Pouch for Test Leads Neck Strap R6P(AA) × 4 Instruction Manual				7076(Test Lead with Remote Control Switch) 7081(Test Lead for Guard Terminal) Pouch for Test Leads Shoulder Strap, Shoulder Pad R6P(AA) × 8, Instruction Manual	
Optional	8016(Pickel Type Prod) 8017(Extension Prod) 7116(Extension Probe)				7115(Extension Probe) 8016(Pickel Type Prod) 8017(Extension Prod)	

Accessories

Model 7078



Model 7076



Model 7081



Optional Accessories

Model 8017 Extension Prod



Model 8016 Pickel Type Prod

