

Electrical Safety Comprehensive Calibrator AN965-15(F)



- ★ **Four-in-one inspection:** withstand voltage, insulation resistance, ground bond resistance and leakage current;
- ★ **Automatic switching:** Cooperate with the safety comprehensive inspection group to automatically switch items and complete spot inspection at one time
- ★ **Convenient:** years of customer experience and site adaptable, easy to use, error-proof.

Features

- Four-in-one: verification of withstand voltage current, insulation resistance, ground bond resistance and leakage current;
- Two-level spot inspection: Two-level spot inspection for each spot inspection, complete confirmation for pass/fail;
- Automatic identification: automatic identification and switching of withstand voltage\insulation\ground bond\leakage current, cooperating with the safety comprehensive inspection perfectly.

Specifications

Ground Bond resistance check					
Stage	Input current	Ground bond resistance	Duration	Test terminal	
Stage-0	≤25A	150mΩ±8mΩ	Less than 5 seconds	Ground bond Stage-0 + loop	
Stage-1	≤25A	75mΩ±5mΩ	Less than 5 seconds	Ground bond Stage-1 + loop	

AC Hipot check					
Stage	Input voltage	Current-limiting resistance	Reference current point 1650V input voltage	Reference current point 1800V input voltage	Test terminal
Stage-0	≤2000V	600kΩ±12kΩ	2.75 mA	3.00 mA	High voltage + loop
Stage-1	≤2000V	200kΩ±4kΩ	8.25 mA	9.00 mA	High voltage + loop

Insulation Resistance check			
Stage	Input voltage	Insulation resistance	Measuring terminal
Stage-0	≤1400V	120±12MΩ	High voltage + loop
Stage-1	≤1400V	60±6MΩ	High voltage + loop

Leakage Current check					
Stage	Input voltage	Load resistance	Reference current point 233V input voltage	Reference current point 244V input voltage	Test terminal
Stage-0	≤290V	460kΩ±9.2kΩ	507μA	530μA	High voltage + loop
Stage-1	≤290V	230kΩ±4.6kΩ	1013μA	1061μA	High voltage + loop