

Hipot Safety Analyser

S 6700H, S 6700U, KT 6780H

Whatever electrical safety test you need to carry out, with a Hipot Safety Analyser you will always make the right choice.

Our safety tester combine up to 7 test types in one compact device - from high-voltage testing, insulation testing and ground bond testing to functional testing. Our devices for testing electrical safety enable tests in accordance with all common standards (VDE, EN, IEC, etc.).

The products impress with a wide range of technical features:

- Numerous interfaces
- Automatic test sequence
- Fully electronic generator (for even faster and more accurate tests) and many other features

		S 6700H	S 6700U	KT 6780H
		Desktop device	Desktop device	Rack device
High Voltage Test AC	Voltage Range	100 V - 3000 V	100 V - 5500 V	
	Current Range	0 mA - 20 mA	0 mA - 20 mA	
	Short Circuit Current	>20 mA	>20 mA	
High Voltage Test DC	Voltage Range	100 V - 4000 V	100 V - 6000 V	
	Current Range	0 mA - 20 mA	0 mA - 20 mA	
	Short Circuit Current	>20 mA	>20 mA	
	Residual Ripple	< 3%	< 3%	
Insulation Measurement DC	Voltage Range	100 V - 4000 V	100 V - 6000 V	
	Measuring Range	100 kΩ - 40 GΩ	100 kΩ - 50 GΩ	
	Residual Ripple	< 3%	< 3%	
Ground Bond Test	Test Current AC	1 A - 32 A		
	Measuring Range	1 mΩ - 6 Ω		
	Open Circuit Voltage	6 V		
Equivalent Leakage Current Test	Test Voltage AC	90 V - 270 V		
	Measuring Range	0 mA - 10 mA		
Resistance Measurement	Measuring Range	1 Ω - 1 MΩ		
Continuity Test	Measuring Range	<14 Ω ≙ short circuit i > 100 kΩ ≙ no continuity		
Measured Variables in Function Test	Current AC / DC	16 A AC / 10 A DC		
	Voltage AC / DC	250 V AC / 200 V DC		
	Active Power	0 W - 4000 W		
	ReActive Power	0 - 4000 var		
	Apparent Power	0 VA - 4000 VA		
	Cos φ	-1 - +1		
Digital Interface 24 VDC	Input	4		
	Output	4		
Mains Supply	Voltage	90 V - 250 V		
	Frequency	50 Hz / 60 Hz		
Interfaces	Computer Interfaces	USB		
	Ethernet / LAN	√		
Operation	Touch for Input	7"-TFT colour display		
Dimensions and Weight (approx.)	Height	148 mm 5.8 in		132 mm 5.2 in
	Width	510 mm 20.1 in		465 mm 18.3 in
	Depth	420 mm 16.5 in		482 mm 19 in
	Weight	ca. 20 kg 44.1 lbs		ca. 20 kg 44.1 lbs