

DATASHEET

Hipot Safety Analyser **S 6600H, S 6600U** **S 6700H, S 6700U**

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 6600H



S 6600U



S 6700H



S 6700U



		S 6600H	S 6600U	S 6700H	S 6700U
High Voltage Test AC	Voltage Range	100 V - 3000 V	100 V - 5500 V	100 V - 3000 V	100 V - 5500 V
	Current Range	0 mA - 20 mA	0 mA - 20 mA	0 mA - 20 mA	0 mA - 20 mA
High Voltage Test DC	Short Circuit Current	>20 mA	>20 mA	>20 mA	>20 mA
	Voltage Range	100 V - 4000 V	100 V - 6000 V	100 V - 4000 V	100 V - 6000 V
Insulation Measurement DC	Current Range	0 mA - 20 mA	0 mA - 20 mA	0 mA - 20 mA	0 mA - 20 mA
	Short Circuit Current	>20 mA	>20 mA	>20 mA	>20 mA
Ground Bond Test	Residual Ripple	< 3%	< 3%	< 3%	< 3%
	Voltage Range	100 V - 4000 V	100 V - 6000 V	100 V - 4000 V	100 V - 6000 V
Equivalent Leakage Current Test	Measuring Range	100 kΩ - 40 GΩ	100 kΩ - 50 GΩ	100 kΩ - 40 GΩ	100 kΩ - 50 GΩ
	Residual Ripple	< 3%	< 3%	< 3%	< 3%
Continuity Test Resistance Measurement	Test Current AC	1 A - 32 A			
	Measuring Range	1 mΩ - 6 Ω			
Measured Variables in Function Test	Open Circuit Voltage	6 V			
	Test Voltage AC			90 V - 270 V	
Digital Interface 24 VDC	Measuring Range			0 mA - 10 mA	
	Measuring Range	1 Ω - 1 MΩ			
Mains Supply	Current AC / DC			16 A AC / 10 A DC	
	Voltage AC / DC			250 V AC / 200 V DC	
Computer Interfaces	Active Power			0 W - 4000 W	
	ReActive Power			0 - 4000 var	
Handling	Apparent Power			0 VA - 4000 VA	
	Display			-1 - +1	
Dimensions and Weight (approx.)	Input			4	
	Output			4	
Dimensions and Weight (approx.)	Voltage		90 V - 250 V		
	Frequency		50 Hz / 60 Hz		
Dimensions and Weight (approx.)	USB			√	
	Ethernet / LAN			√	
Dimensions and Weight (approx.)	Touch Display			√	
	Height		148 mm 5.8 in		
Dimensions and Weight (approx.)	Width		510 mm 20.1 in		
	Depth		420 mm 16.5 in		
Dimensions and Weight (approx.)	Weight		ca. 20 kg 44.1 lbs		