



Mess- und Prüftechnik. Die Experten.

Ihr Ansprechpartner / **dataTec AG**
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Hipot Safety Analyser S 1802M

The S 1802M hipot safety analyser combines High Voltage testing (AC and DC) as well as ground bond and insulation testing in a single device. The S 1802M is ideal for fast, cost-effective and convenient safety testing in accordance with current national and international standards (IEC, EN, UL, VDE etc.).

individually configurable test programs, a fully automatic test plan can also be created for each product. The DUT only needs to be connected once - time-consuming reconnection is a thing of the past!

The S 1802M offers maximum convenience and ease of use thanks to the integrated 4.3"-TFT color display. Thanks to the





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S 1802M

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		Desktop device
High Voltage Test AC	Voltage Range	100 V - 5500 V
	Current Range	0 mA - 3 mA
	Short Circuit Current	< 3 mA
High Voltage Test DC	Voltage Range	100 V - 6000 V
	Current Range	0 mA - 10 mA
	Short Circuit Current	< 12 mA
	Residual Ripple	< 3 %
Insulation Measurement DC	Voltage Range	100 V - 6000 V
	Measuring Range (voltage-dependent)	250 kΩ - 1 GΩ
	Residual Ripple	< 3 %
Ground Bond Test	Measuring Range	0 mΩ - 400 mΩ
	Test Current AC	10 A - 30 A
	Open Circuit Voltage	6 V / 12 V
Subjective Tests	Text-Step	Subjective or informative
General Data	Threshold Values	All programmable
	Error Message	Visual and audible
	Ramp Function	Programmable
	Generator	Fully electronic, digital technology
	Memory	180 mb
	Additional Function	Programmable inputs and outputs
	Mains Supply	90 V - 250 V 50 Hz / 60 Hz
Interfaces	Computer Interfaces	2 x USB, RS 232, Ethernet / LAN
	Digital Interface 24 VDC	8 input + 8 output
Operation	Touch for Input	4.3"-TFT colour display
Dimensions and Weight (approx.)	Height	155 mm 6.1 in
	Width	362 mm 14.3 in
	Depth	328 mm 12.9 in
	Weight	11 kg 24.25 lbs