### 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**





- RE>Act mode enhanced accuracy and safety
- PI predictor (PIp) function
- Up to 8 mA noise rejection with Advanced adaptive filter
- PDC test capability
- Safety up to CAT IV 1000 V to 4000 m
- Resistance ranges up to 35 TΩ
- Operates from battery or AC mains supply
- Unique dual-case design additional user protection
- **■** CertSuite Asset software compatible

#### **DESCRIPTION**

The Megger range of 5, 10 and 15 kV insulation testers are known worldwide for their rugged dependability, long service life and accurate, reliable measurements. The extensive range of models means that there will always be a perfect match for your requirements. One common feature across the whole range is the Megger, 'no compromise' approach to safety. The Megger level of safety will always go further than simply complying with the relevant safety standards.

Another common feature is the **intuitive colour custom display**, with its ability to work in extreme environments and unbeatable viewing angle.

The range starts with the **MIT** (Megger Insulation Tester) models. These instruments provide an excellent level of noise immunity, test performance, and safety.

For customers requiring higher capacitance charge rates (testing long cables), working in electrically noisy environments (e.g. transmission voltages), remote operation, or data storage, the **\$1** models are the ideal solution.

Once the best level has been selected, the only remaining choice is the maximum test voltage required.

The **Essential** models come in either 5 kV or 10 kV, whilst **Advanced** and **Expert** come in either 5, 10 or 15 kV instruments.

Please see the selection chart on page 2 of this data sheet for more detailed information on the differentiating features across the range.

### **ESSENTIAL**

MIT515/2 (5 kV) MIT1015 (10 kV)



**Scan the QR-code** for information

The Essential models are perfect for performing 'go/no go' testing; no need to record test results; working in tough locations; using under 10 kV test voltage.

### **ADVANCED**

MIT525/2 (5 kV) MIT1025/2 (10 kV) MIT1525/2 (15 kV)



**Scan the QR-code** for information

The Advanced models are an ideal choice if, in addition to the above, you need to record test results, transfer results to software/mobile app (via USB or Bluetooth LE), and want the benefits of more diagnostic insulation testing. The Advanced range also adds additional noise immunity for power distribution environments, and the ability to either increase or decrease the output current.

### **EXPERT**

S1-568/2 (5 kV) S1-1068/2 (10 kV) S1-1568/2 (15 kV)



**Scan the QR-code** for information

The Expert range combines everything from the Essential and Advanced ranges. If you work in extreme environments, even 765 kV switch yards, want the additional safety and convenience of remote operation via a USB cable, and full control of the output current, this is the choice for you.

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# **5 kV, 10 kV and 15 kV** Insulation Resistance Testers

	= New feature for 2025	MIT515/2 MIT1015	MIT525/2 MIT1025/2 MIT1525/2	S1-568/2 S1-1068/2 S1-1568/2
	FEATURE	ESSENTIAL	ADVANCED	EXPERT
Test	High Guard Terminal performance	•	•	•
	IR	•	•	•
	IR(t)	•	•	•
	PI Polarisation Index		•	•
	PI Predictor		•	
capability	DAR Dielectric Absorption Ratio	•	•	•
	DD Dielectric Discharge		•	•
	Ramp test		•	•
	RE>Act mode	•	•	•
	PDC test			•
Test voltage	Max. voltages available	5 kV or 10 kV	5 kV, 10 kV or 15 kV	5 kV, 10 kV or 15 kV
Charging	Default maximum current	3 mA	3 mA	6 mA
and burn mode current	User selectable max. current values	N/A	1 mA, 3 mA, 6 mA (6 mA only from mains supply)	1 mA, 2 mA, 3 mA 4 mA, 5 mA, 6 mA (6 mA from internal battery and mains suppy)
	Max. noise current with measurement within	3 mA	6 mA	8 mA
Noise	accuracy spec.	(LV and MV <45 kV)	(HV <230 kV)	(EHV <1000 kV)
immunity	Adaptive filter			•
illilliality	Negative current handling		•	•
	Averaging filter			•
	CAT IV 1000 V		•	•
Safety	CAT IV 600 V		•	•
	Hazardous peak voltage detection during IR measurement	•	•	•
Data	On board - time stamped		•	•
storage /	Temperature value stored		•	•
features	Humidity value stored			•
N	Test result transfer via wired USB		•	•
tion	Test results transfer via wireless Bluetooth LE		•	•
Communications	Test result live streaming via wired USB		•	•
	Test result live streaming via wireless			
Соп	Bluetooth LE			
	Remote control via wired USB			•
Display	New custom colour display	•	•	•
Accessories	Carry all holdall	•	•	•
	Deeper lid pouch	•	•	•
	CertSuite Asset Lite <b>FREE</b>		•	•
Software	CertSuite Asset compatible		•	•
support	Power DB Lite <b>FREE</b>		•	•
	Power DB Advance or Pro support		•	•

### 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**

The **S1** models represent the ultimate insulation tester, with the name derived from the original Series 1, it's the only choice for many Power Utilities around the world, and has been for many decades.

### **INSTRUMENT PRODUCTIVITY AND ACCURACY**

This is also a focus of the MIT and S1-Series, offering rapid charge batteries and operation from an AC source when the battery is flat or low. An intuitive user interface ensures no lost time remembering how to use the tester. Simplicity of operation is achieved with two rotary switches and a large backlight display which enables multiple measurement information to be displayed simultaneously. A graphical quick start guide is provided inside the lid of each model to assist first time users.

Measurement accuracy is of high importance for any insulation resistance measurement. It is particularly important to ensure that the accuracy is maintained up to higher IR values that are required by some applications. The Expert range provides an excellent  $\pm 5\%$  accuracy all the way up to 1 T $\Omega$  at 5,000 V, 2 T $\Omega$  at 10,000 V or 3 T $\Omega$  at 15,000 V. Always check that your expected range of measurements sits within the accuracy range capability of your selected instrument.

### PI PREDICTOR FUNCTION (PIp) PATENTED

The Polarisation Index test can be time consuming, with a 10 minute test (30 mins on 3 phase) and with multiple items to test, any time saved is a bonus. Plp does just that. The Pl predictor function uses the first part of the IR curve to predict the rest at 5 minutes into the test. The Plp can start as early as 3 minutes into the test and will stop when it is confident in the predicition.

### **RE>ACT TEST MODE PATENT APPLIED FOR**

This ground breaking feature will revolutionise the reliability of your measurements. When insulation testing it is essential that any re-absorption current from the insulation under test is fully discharged before starting the test. Remaining absorption current, depending on polarity, can result in IR measurements that are falsely high or low, with the potential to incorrectly pass any failing insulation. The RE>Act mode not only measures this reabsorption current but also provides an indication to the user of the impact it will have on the instruments' measurement range and accuracy.



For more detailed information please refer to the application note "Reliable DC insulation measurements using RE>Act", available on www.megger.com/support or Scan the QR code



#### **SAFETY FEATURES**

The list of safety features is quite extensive and include the following:

Safety of operation is built in, all 5 kV and 10 kV models are safety rated to CAT IV 600 V up to 3000 m altitude and the 15 kV MIT1525 and S1-1568/2 is rated at CAT IV 1000 V up to 4000 m altitude across all three terminals.

**Remote operation.** Original equipment manufacturers and repairers will welcome the remote control feature allowing them to automate resistance testing on the factory floor, as will technicians in substations wanting to operate from a more convenient, safe distance.

**Dual case.** The whole range feature a dual case design with a tough outer case to protect the tester from knocks and drops and a fire retardant inner case. The case IP rating prevents moisture and dust ingress when storing or carrying the instrument. The lids have velcro-on pouches ensuring that leads remain with the instrument at all times. Case lids are removable for improved access to the terminals.

**Voltage warnings.** The whole range also feature a multitude of voltage warnings to help ensure user safety. In fact there are five levels of warnings. Before testing has started the instrument will provide these warnings:

- **Level 1:** Live voltage above 30 V applied
- **Level 2:** 75 % of the instruments noise limit exceeded, check filter settings
- **Level 3:** External voltage is overheating the discharge resisitors while measuring voltage. 110% spec measurements outside of instrument spec.
- **Level 4:** 200 % of instruments noise limit exceeded warning and test inhibited
- Level 5: The fifth warning is unique. During testing in high noise environments induced noise surges can result in extremely high voltages being applied to the instrument. In the event that these voltages are higher than the instruments reinforced insulation limits the instrument will halt the test to reduce terminal voltage and warn the user not to touch the instrument.

**RE>Act** adds two important safety features. Firstly, it removes the possibility to pass insulation that should have been failed, and secondly, it can also be used to monitor discharge following a test. This means the user can ensure that a dangerous return voltage will not occur.

**Test leads.** The supplied test leads are double insulated with clamps rated at 3 kV, equivalent to 6 kV single insulation for the medium clip leadset and 5 kV equivalent to 10 kV single insulation for the large clip. The 15 kV leadset is insulated to 15 kV.

### 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**

**Non-detachable test clips.** All test leads feature non-detachable test clips for additional safety, and 4 mm HV insulated plugs that lock into the instrument, again for additional safety.

### **EASE OF USE**

Five preset voltage ranges are provided in insulation test mode, plus a user settable lock voltage range.

### Preconfigured diagnostic tests include:

Polarisation Index (PI), Dielectric Absorption Ratio (DAR) on all models.

Dielectric Discharge (DD), Polarisation Depolarisation Current (PDC), Stepped Voltage (SV) and Ramp test on all Expert models.

The Expert models also include memory storage with time/date stamping of results, logging of data and recall of results to screen. A fully isolated USB interface or onboard Bluetooth® interface is used for safe transfer of data to software. There are a number of options available:

Mobile app, browser based software:
 CertSuite Asset testing and reporting software.
 See below for more details.

PC based asset management software:

**PowerDB Pro**, Advanced or the free Lite packages. Available at Megger.com

#### **Storing Results in CertSuite Asset**

CertSuite Asset is the latest cloud-based industrial asset testing management software from Megger. With the CertSuite Asset app you can **transfer testing results from the Advanced and Expert range of insulation resistance testers while testing**, straight onto an Android or iOS mobile device or Windows laptop via USB cable or Bluetooth®.

#### **CertSuite Asset Lite**

CertSuite Asset Lite is **FREE** with your S1 unit. Test results can be tagged with Asset ID and transferred to CertSuite Asset Lite direct from the S1, removing the need for writing down results.



Visit Certsuite.info to register for your FREE CertSuite Asset Lite app



### CertSuite Asset full package

The full CertSuite Asset app is a monthly or yearly subscription package

- test results can be tagged with Asset data and transferred to CertSuite Asset.
- store results, comments and photos
- connect multiple users, review remotely by other team members whilst on site from different locations, or accessed by head office with the relevant permissions.



Visit Certsuite.info for your FREE 30 day trial

#### **APPLICATIONS**

Applications for the MIT and S1 range of insulation testers is wide and varied. Here is short example list, but remember this is not exhaustive.

### Suitable for varied testing reasons:

- During manufacture, as part of quality inspection or safety checking prior to shipment
- Prior to product/asset shipment to provide benchmark measurements
- On site inspection, comparing to benchmark results, to ensure everything is good before installation
- Checking following installation before powering up new asset
- During maintenance to drive predictive maintenance
- Following repair prior to powering up

### Suitable for varied environments:

- Production line
- On construction sites
- Industrial locations
- Power distribution
- Power transmission

### Suitable for many assets, the list is endless:

- Cables of all types
- Power transformers
- Measurement transformers
- Circuit breakers
- Motors
- Generators
- Bushings

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### 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**

### **SPECIFICATIONS**

AC voltage (auto ranging)

S1-568/2, S1-1068/2 90 – 264 V rms,

50/60 Hz, 100 VA 90 – 264 V rms,

50/60 Hz, 200 VA

**Battery voltage** 10.8 V, 5.2Ah, 56.16 Wh

meets IEC 62133-2:2017 (S1-1568/2 has 2 batteries)

**Battery life** 

S1-1568/2

S1-568/2: 6 hours (typical) continuous

testing at 5 kV with a 100  $M\Omega$  load

\$1-1068/2: 4.5 hours (typical) continuous

testing at 10 kV with a 100  $M\Omega$  load

S1-1568/2: 4.5 hours (typical) continuous

testing at 15 kV with a 100  $M\Omega$ 

load

**Auto power off:** Instrument turns off

after a few minutes if not in use

to conserve battery life

**30 min quick charge** 1 hour operation at 5 kV with

a 100  $M\Omega$  load

**Battery charge time** 2.5 hours deep discharge,

2 hours normal discharge

**Test voltage** 

S1-568/2: 250 V, 500 V, 1000 V, 2500 V, 5000 V

S1-1068/2: above plus 10000 V S1-1568/2: above plus 15000 V, V1

**Lock test voltage**40 V to 1 kV in 10 V steps,
1 kV to 5 kV in 25 V steps,

5 kV to 15 kV in 25 V steps

**Test voltage accuracy** +4%, -0%,  $\pm 10$  V nominal test

voltage at 1 G $\Omega$  load

(0 °C to 30 °C)

**Resistance range** 10 k to 15 T $\Omega$  @ 5 kV,

10 k to 35 T $\Omega$  @ 10 kV, 10 k to 35 T $\Omega$  @ 15 kV

**Re<Act** Reabsorption current

measurement nominal accuracy. Operational up to 30 V external

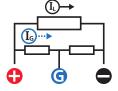
applied.

Accuracy

Accuracy					
<b>\$1-568/2</b> ±5% to ±20% to	<b>5000 V</b> 1 ΤΩ 10 ΤΩ	<b>2500 V</b> 500 GΩ 5 TΩ	<b>1000 V</b> 200 GΩ 2 TΩ	<b>500 V</b> 100 GΩ 1 TΩ	<b>250 V</b> 50 GΩ 500 GΩ
<b>\$1-1068/2</b> ±5% to ±20% to	<b>10 kV</b> 2 TΩ 20 TΩ	<b>5000 V</b> 1 ΤΩ 10 ΤΩ		<b>1000 V</b> 200 GΩ 2 TΩ	<b>500 V</b> 100 GΩ 1 TΩ
<b>\$1-1568/2</b> ±5% to ±20% to	<b>15 kV</b> 3 TΩ 30 TΩ	<b>10 kV</b> 2 TΩ 20 TΩ	<b>5000 V</b> 1 ΤΩ 10 ΤΩ	<b>2500 V</b> 500 GΩ 5 TΩ	200 GΩ

#### **Guard terminal performance**

When measuring an insulation resistance of 100 G $\Omega$  at 5000 V the tester can guard out current IG at least 5000 times the insulation test current IL with a maximum additional resistance error of 1%.



**Display range analogue** 100 kΩ to 10 TΩ **Display range digital:** 10 kΩ to 35 TΩ

Short circuit/charge current

1 mA, 2 mA, 3 mA 4 mA, 5 mA, 6 mA

(6 mA from internal battery and

mains suppy)

**Insulation test Alarm** 100 k $\Omega$  to 10 G $\Omega$ 

Capacitor charge (@6 mA)

(with AC or battery):  $< 1.5 \text{ s/}\mu\text{F to } 5 \text{ kV}$  ,

<2.7 s/ $\mu$ F to 10 kV, <4 s/ $\mu$ F to 15 kV

**Capacitor discharge** 

S1-568/2 <120 ms/µF discharge from

5 kV to 50 V

S1-1068/2 <250 ms/µF to discharge from

10 kV to 50 V

S1-1568/2 <3500 ms/µF to discharge from

15 kV to 50 V

**Capacitance range** With test voltage set above 500V

 S1-568/2
 10 nF to 25 μF

 S1-1068/2
 10 nF to 25 μF

 S1-1568/2
 10 nF to 50 μF

Capacitance measurement accuracy

10 nF to 10 μF : ±10% ±5 nF

Current range 0.01 mA to 6 mA

1 mA, 2 mA, 3 mA 4 mA, 5 mA, 6 mA

(6 mA from internal battery and

mains suppy)

**Current accuracy** ±5% ±0.2 nA at all voltages (20 °C)

Interference

Software 4 filter settings 10 s, 30 s, 100 s, 200 s

**Voltmeter range** 30 V to 660 V AC or DC,

45 Hz – 65 Hz

**Voltmeter accuracy**  $\pm 3\%$ ,  $\pm 3 \lor$ 

**Timer range** Up to 99 minutes 59 seconds,

15 second minimum setting

**Memory capacity** 11 hrs logging @ 5 sec intervals

**Test modes** IR, IR(t), DAR, PI, SV, DD, PDC,

ramp test

**Interface** USB type B (device),

Bluetooth® Class 2

**Real time output** (V, I, R) readings at a rate of 1 Hz **Remote control** Remote control via USB cable only

(requires RC dongle to be in position)

### 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**

### **ENVIRONMENTAL**

Maximum altitude

S1-568/2, S1-1068/2: 3000 m S1-1568/2: 4000 m

Operating temperature range

-20 °C to 50 °C

Storage temperature range

-25 °C to 65 °C

Humidity 90% RH non-condensing at 40 °C IP rating IP65 (lid closed), IP40 (lid open)

Safety Meets the requirements of

IEC 61010-1,

CATIV 600 V to 3000 m (5 kV, 10 kV)

CATIV 1000 V to 4000 m (15 kV)

**EMC** Meets the requirements of

IEC61326-1

**Dimensions** 

S1-568/2, S1-1068/2: 285 mm x 181 mm x 315 mm S1-1568/2: 305 mm x 194 mm x 360 mm

Weight

S1-568/2, S1-1068/2: 4.5 kg S1-1568/2: 6.3 kg

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and are used under licence.

#### **TEST LEADS SUPPLIED**

The S1-568/2, S1-1068/2 and the S1-1568/2 are all supplied with test leads that are compliant with the requirements of IEC61010-031:2008.

The 5 kV models are supplied with one 3 m lead-set with medium sized clips.

The 10 kV models are supplied with two 3 m lead-sets, one with medium sized clips and the other with large clips with insulation suited to 10 kV use.

The 15 kV models supplied with a 3 m lead-set, with large clips with insulation suited to 15 kV use.

These leads are designed based on Megger's extensive knowledge of insulation testing using the latest technology. The leads are in compliance with IEC61010-31:2008, which requires a fully insulated clip design.

# MEDIUM INSULATED TEST CLIP 3 M X 3 LEADSET – 5 KV AND 10 KV

These test leads are supplied as standard on S1-568/2 and the S1-1068/2. These clips are designed for clamping on larger diameter test pieces but where space is at a premium. The insulation is designed only to protect the user from the output of Megger 5 kV and 10 kV (set below 6 kV) insulation resistance testers. The clips cannot in any circumstance be relied on to protect the user from live AC systems above 600 V AC, r.m.s. in an CAT IV environment.



**Cable insulation rating:** 12 kV DC (marked on cable)

**Cable type:** Flexible dual insulated silicon (inner insulation layer coloured white to highlight damage

# MEDIUM INSULATED TEST CLIP 3 M X 3 LEADSET – 15 KV

These test leads are supplied as an option on the \$1-1568/2.

These clips are designed for clamping on larger diameter test pieces but where space is at a premium.

The insulation is designed only to protect the user from the output of Megger 15 kV (set below 6 kV) insulation resistance testers.

The clips cannot in any circumstance be relied on to protect the user from live a.c. systems above 1000 V AC, r.m.s. in an CAT IV environment.



### Cable insulation rating:

15 kV DC (marked on cable)

**Cable type:** flexible dual insulated silicon (inner insulation layer coloured

white to highlight damage). These test leads may also be supplied in non-standard lengths to suit a particular application. Please contact Megger for a quotation. Minimum order quantities may apply.

### LARGE INSULATED TEST CLIP 3 M X 3 LEADSET

These test leads are supplied as standard on S1-1068/2 and S1-1568/2 models (different leadset depending on model).

These clips are designed for clamping on to larger diameter test pieces.

The insulation is designed only to protect the user from the output of Megger 5 kV, 10 kV and 15 kV insulation resistance testers.

The clips cannot in any circumstance be relied on to protect the user from live AC systems above 600 V AC, r.m.s. in an CAT IV environment.



10 kV lead set Cable insulation rating: 12 kV DC (marked on cable) Cable type: flexible dual insulated silicon (inner insulation layer coloured white to highlight damage)

### 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**



**15 kV lead set Cable insulation rating:** 18 kV DC (marked on cable)

**Cable type:** Flexible dual insulated silicon (inner insulation layer coloured

white to highlight damage).

The design of the lead sets is intended to facilitate connection to a variety of de-energised systems for the purpose of making insulation resistance measurements. In all cases, it is the responsibility of the user to employ safe working practices and verify that the system is safe before connection. Even isolated systems may exhibit significant capacitance, which will become highly charged during the application of the insulation test. This charge can be lethal and connections, including the leads and clips, should never be touched during the test. The system must be safely discharged before touching connections.

### **DESIGNED FOR EVERYDAY USE**

Test leads are a key component of any precision instrument and safety, long life, and the ability to provide reliable connections to a variety of test pieces found in everyday applications are of the utmost importance. Megger design test leads for both safety and practical operation.

# LOCKING HV INSULATED PLUGS / NON-REMOVABLE TEST CLIPS

All Megger 5 kV, 10 kV and 15 kV insulation testing test leads are fitted with unique locking HV plugs and non-removable test clips.

This reduces the likelihood of a plug or clip inadvertently losing electrical connection and the capacitance of a long cable remaining lethally charged.

With the arrows on the plug finger guard horizontal on the instrument as shown to lock. Twist 90° to unlock. In addition, for the same reason, the test clips are not removable from the test lead.





#### PRACTICAL INSULATION DESIGN

Moving jaw fingers maintain the clips touch proof safety when the clip is closed but flex back to allow the metal teeth of the clip to contact test piece unimpeded when in use.



Megger clip being tested with IEC standard test finger for creepage and clearance.



#### PRACTICAL JAW DESIGN

Curved jaws allow reliable connection around test pieces and flat jaw tips provide excellent connection and gripping of individual wires.





More detailed information can be found on the 5 kV and 10 kV insulation tester lead sets application note.

Click here or scan the QR code.

## 5 kV, 10 kV and 15 kV

### **Insulation Resistance Testers**

EXP	ERT RANGE ORD	ERING INFORMATION
Description	Part number	Description
S1-568/2-UK EXPERT 5kV IRT 2024 PIP	1016-104	S1-1568/2-UK EXPERT 15kV II
S1-568/2-EU EXPERT 5kV IRT 2024 PIP	1016-105	S1-1568/2-EU EXPERT 15kV IF
S1-568/2-US EXPERT 5kV IRT 2024 PIP	1016-106	S1-1568/2-US EXPERT 15kV IF
S1-568/2-AU EXPERT 5kV IRT 2024 PIP	1016-107	S1-1568/2-AU EXPERT 15kV II
S1-568/2-IN EXPERT 5kV IRT 2024 PIP	1016-108	S1-1568/2-BR EXPERT 15kV IF
S1-568/2-CN EXPERT 5kV IRT 2024 PIP	1016-109	Included Accessories (all mode
S1-568/2-BR EXPERT 5kV IRT 2024 PIP	1016-626	Quick Start Label
		Power lead
S1-1068/2-UK EXPERT 10kV IRT 2024 PIP	1016-110	Screened USB cable with filter
S1-1068/2-EU EXPERT 10kV IRT 2024 PIP	1016-111	Remote control indicator beac
S1-1068/2-US EXPERT 10kV IRT 2024 PIP	1016-112	Included Accessories (Specific
S1-1068/2-AU EXPERT 10kV IRT 2024 PIP	1016-113	
S1-1068/2-IN EXPERT 10kV IRT 2024 PIP	1016-114	5 kV, 3 m x 3, medium insulat S1-568/2 and S1-1068/2 only
S1-1068/2-CN EXPERT 10kV IRT 2024 PIP	1016-115	10 kV, 3 m x 3, large insulated
S1-1068/2-BR EXPERT 10kV IRT 2024 PIP	1016-627	15 kV, 3 m x 3, X-large insulat

Description	Part number
S1-1568/2-UK EXPERT 15kV IRT 2024 PIP	1016-116
S1-1568/2-EU EXPERT 15kV IRT 2024 PIP	1016-117
S1-1568/2-US EXPERT 15kV IRT 2024 PIP	1016-118
S1-1568/2-AU EXPERT 15kV IRT 2024 PIP	1016-119
S1-1568/2-BR EXPERT 15kV IRT 2024 PIP	1016-628
Included Accessories (all models)	
Quick Start Label	
Power lead	
Screened USB cable with filters	Contact Sales team
Remote control indicator beacon	Contact Sales team
Included Accessories (Specific models only)	
5 kV, 3 m x 3, medium insulated clips –	
S1-568/2 and S1-1068/2 only	1008-022
10 kV, 3 m x 3, large insulated clips – S1-1068,	/2 only 1007-311
15 kV, 3 m x 3, X-large insulated clips – S1-156	58/2 only 1002-949

	OPTIONAL TEST LEAD SETS		
Description	Part number	Description	
Optional Accessories		10 kV, 3 m x 3, larg	
HV test lead sets (S1-568/2, S1-1068/2 only)		10 kV, 5 m x 3, larg	
5 kV 3 m x 3, medium insulated clips	1008-022	10 kV, 8 m x 3, larg	
5 kV, 5 m x 3, medium insulated clips	1002-641	10 kV, 10 m x 3, la	
5 kV, 8 m x 3, medium insulated clips	1002-642	10 kV, 15 m x 3, la	
5 kV, 10 m x 3, medium insulated clips	1002-643	10 kV, 25 m x 3, la	
5 kV, 15 m x 3, medium insulated clips	1002-644	10 kV, 30 m x 3, la	
· · · · · · · · · · · · · · · · · · ·			

Part number
1007-311
1002-645
1002-646
1002-647
1002-648
1003-201
1003-202

TEST LEAD SETS

Description

	<b>OPTIONAL HV</b>		
Description	Part number		
Screened – HV test lead sets (S1-568/2, S1-1068/2 only)			
10 kV, 3 m screened un-insulated small clips	6220-834		
10 kV, 10 m screened un-insulated small clips	6220-861		
10 kV, 15 m screened un-insulated small clips	6220-833		
Optional accessories – 1kV test lead sets (S1-56	58/2, S1-1068/2 only)		
5/10 kV fused test probe and clip	1002-913		
5/10 kV control circuit test	6220-822		
Optional accessories – 1 kV test lead sets (S1-1	568/2 only)		
15 kV fused test probe and clip	1005-265		
15 kV control circuit test	1005-264		
HV test lead sets (S1-1568/2 only)			
15 kV, 3 m x 3, large insulated clips	1002-949		
15 kV, 5 m x 3, large insulated clips	1005-259		
15 kV, 10 m x 3, large insulated clips	1005-260		
15 kV, 15 m x 3, large insulated clips	1005-261		

1005-266
1005-267
1005-268
1005-269
6311-077
1000-113
1000-047
1002-552







**Part number**