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Mobilisation Guide

Test Equipment

LV Isolation Kit

TBC

Kit Content:

- 5551188 Kewtech KT1780 2 Pole LED Voltage Tester
- 5551233 Kewstick Duo Non-Contact Voltage Detector
- 5551215 Kewtech Proving Unit
- 5551617 KTP1 Non-Contact Proving Unit
- 1301136 Yale Clear Lens Spectacle
- 1751238 18-Gauge Flameresistant Arc Flash Glove
- 5551377 Small Clear Front Pocket Bag For Isolation Kits

Authorised Persons LV Isolation Kit

TBC

Kit Content:

- 5551188 Kewtech KT1780 2 Pole LED Voltage Tester
- 5551233 Kewstick Duo Non-Contact Voltage Detector
- 5551284 Kewtech KEW2200 Ultra Slim AC Clamp Meter 1000A & 600V
- 5551377 Small Clear front Pocket Bag For Isolation Kits
- 6202161 Branded Kit Bag For EA AP Electrical Kit
- 5551214 Fluke 62 Max Infrared Thermometer
- 5551217 Kewtech 107 Loopcheck Socket Tester
- 1751238 18-Gauge Flameresistant Arc Flash Glove
- 1301136 Yale Clear Lens Spectacle
- 5551215 Kewtech Proving Unit
- 5551617 KTP1 Non-Contact Proving Unit

KT65 Multifuntion Tester

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5551218

Proven multifunction tester combining the latest anti-trip technology, phase rotation, earth resistance & advanced memory, with easy to use functionality. Specifically designed for the UK market.

Features & Benefits:

- Easy to use
- Phase rotation in line with new 18th Edition requirements
- Advanced memory with free software, eg you can save a continuity test as an r1, r2, rn, R2 or R1+R2 and on which circuit
- Powerful 18th Edition software available optionally from Castline Systems
- NEW Anti-Trip Technology for full no trip LOOP testing on all RCD types
- Test button in probe as well as lockdown test button for 'hands free' testing
- Easy PFC & PSC measurement without the need to alter test probes
- 250, 500 & 1000V insulation tests with auto discharge
- Additional LED for warning of high voltage output in insulation test mode
- Memory for test lead resistance compensation
- Backlit display
- Auto-test memory for RCD testing with all results shown on one screen
- Conducts phase to phase loop tests
- Earth resistance for earth rods (with optional Earth Spikes)
- End of line calibration certificate included
- Comes with easily removed and stored lid for excellent protection when not in use
- Can be used with rechargeable batteries
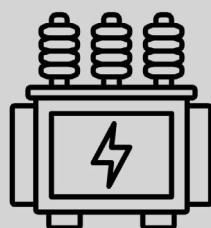- Complies with BS7671 (Part P)

Includes:

ACC064SP G7 test lead with remote test button
ACC065 G7 Test lead set
Batteries
Instruction Manual
Certificate of conformity
End of line Certificate
KAMP 12 Mains lead
Test lead pouch
Soft carry case

Weight & Dimensions:

Boxed Weight: 3.6kg
Boxed Dimensions: 320(W)x275(H)x235(D)mm

KT66DL and EVSE Adapter Testing Kit

5552703

Features & Benefits:

- The KT66DL has many great features including a low currnet two & three wire test and a 25A, 0.001 Ohm resolution high current test allowing for PSC readings of up to 50 kA.

- It has two special options of EV loop test currents to overcome sensitive inbuilt tripping devices. It also tests type B & EV RCDs and 6 mA RDC-DDs for time and tripping level.

- The user interface is flexible and enables you to do the RCDs tests as part of an auto-test or individually.

- The KEWEVSE enables electrical safety tests with the KT66DL by simulating the presence of an electric vehicle and opening up the supply circuits to enable testing. It facilitates the testing of single and three phase charging stations as well being able to simulate earth faults to test whether the charging point closes down.

- There are 4mm connectors and a BS1363 three pin socket to enable connection to your MFT. Red LEDs indicate which phases are live.

EVSE Adapter

Features & Benefits:

- Easy to use
- Compact - smallest in class
- Allows for the electrical safety checks of a charging point in conjunction with an EVSE enabled MFT, like the KT66DL
- Checks the functionality of the EVSE
- Used for commissioning and trouble shooting
- For use on single phase or three phase systems
- Type 2 male connector for EVSE connection
- 4 mm connectors and alternative BS1363 socket for connecting your tester
- CP & PP state adjustment rotary switches
- PE error & CP error simulation test
- Oscilloscope output
- Printed manual
- Carry case included

Kewtech Smartpat
PAT Tester

5551654

Features & Benefits:

- Easy to use
- Converts into a full downloading PAT Tester with the KEWPAT APP
- Automatic test sequences - standard or make your own
- Large easy to read display
- Battery operated - approx. 1400 tests
- IT safe with 200mA earth test and 250V insulation option
- PASS / FAIL – Green / Red screens
- Run / leakage at supply voltage (110V or 230V)
- Portable RCD tests 10mA & 30mA
- Performs Earth bond at 200mA (IT safe)
- Converts into a full downloading PAT tester with the KEWPAT APP
- Automatic test sequences - make your own with the KEWPAT APP
- For fast data collection and results saving works in connection with the KEWPAT APP
- PASS / FAIL – Green / Red screens
- Appliance status pre-check
- Quick check continuity
- 5 second continuity
- 250 V and 500 V insulation
- Substitute leakage test
- Selectable substitute leakage limits
- Extension lead test
- Test lead nulling
- Back light
- Extension lead adapter
- Earth Continuity test lead with probe and croc clip
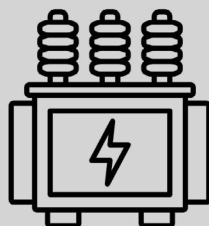- Carry bag with handle
- Quick start guide

Includes:

- Extension lead adapter (EZYLEAD)
- Earth continuity test lead with probe and croc clip (EZYEARTH)
- Mains Lead (EZYMAIN)
- Carry bag with strap

Weight & Dimensions:

- Boxed Weight: 1.84kg
- Boxed Dimensions: 290(L)x140 (W)x130(D)mm

815 Class 2 Sound Level Meter

5500114

The testo 815 sound level meter can be used for control measurements in the air conditioning and heating area, on combustion systems or at workplaces.

Features & Benefits:

- Heating technology: measurement of the volume of burners
- Industry and trade: measurement of machinery noise
- Event technology or public authorities: noise levels at events
- Building services: simple measurements by the caretaker when there are complaints
- Test whether the charging point closes down
- There are 4mm connectors and a BS1363 three pin socket to enable connection to your MFT. Red LEDs indicate which phases are live

540 Pocket Pro Lux Meter

5500143

Features & Benefits:

The testo 540 light meter can be used to measure both artificial and natural light and provides you with a quick and easy means of measuring lighting conditions in the workplace.

The testo 540 light meter is a compact entry level model designed specifically for carrying out spot checks in the workplace, shops and offices. The light sensor is modelled on the spectral sensitivity of the human eye and is ideal for measuring lighting conditions in a variety of different workplaces.

The compact, easy-to-use meter has a number of useful functions and features including a large, easy-to-read display, min/max values which can be shown at the touch of a button, a hold function that allows you to freeze the last reading and a protective cap for safe storage.

410-1 Compact Vane Anemometer NTC Air Thermometer

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5500116

The testo 410-1 includes a plug-on protective cap, as well as a wrist strap for secure measurement, and enables you to take advantage of the following functions:

Features & Benefits:

- Single-point averaging: provides information on the average air velocity, e.g. at air outlets
- Hold function: is used to record the current values relating to air velocity and air temperature and compare them with each other
- Max/min values: get the minimum or maximum values since the anemometer was last switched on or reset, at the touch of a button
- Illuminated display: read off your readings even in dark environments
- Selectable units: for air velocity and temperature: m/s, km/h, fpm, mph, kts, Beaufort, ºC, ºF and wind chill

Overview:

The testo 410-1 vane anemometer is impressive thanks to its practical pocket size and is ideal for fast check measurements. With a measuring range of 0.4 to 20 m/s, the anemometer can even be used for low flow speeds.

The anemometer has a permanently mounted vane with a diameter of 40 mm. You can therefore use it for the integral measurement of air velocity at ventilation grilles (air outlets).

The anemometer is practical for outdoor operation: as well as air velocity and air temperature, the testo 410-1 also calculates the Beaufort wind force and the wind chill temperature, which is the temperature perceived by a person due to wind-related cooling.

440 Air Velocity and IAQ Measuring Instrument

5551703

Features & Benefits:

- A measuring instrument for all climate related parameters
- Extendible with a wide range of probes
- Wireless measurement with bluetooth probes
- USB interface for exporting measurement reports as CSV files
- Intuitive measurement menus
- Graphic display with parallel display of 3 readings

Overview

Precise, reliable measurement of all air velocity and IAQ parameters with just one measuring instrument: the multifunction measuring instrument features intuitive operation with clearly structured measurement menus.

Adjusting air conditioning and ventilation systems, monitoring air quality or carrying out comfort level measurements – thanks to versatile options for combining with high-quality, digital probes, you are ideally equipped to carry out your measuring task (please order probes separately)

General technical data:

Weight~250 g
Dimensions-154 x 65 x 32 mm
Operating temperature-20 to +50 °C
Connectable probes
1 x digital probe with cable or 1 x Temperature NTC TUC, 1 x digital Bluetooth probe or testo Smart Probe, 1 x Temperature TC Type K
Battery type3 AA mignon 1.5 V
Battery life:12 h (typically vane measurement)

610 Compact Humidity Temperature Meter

5501109

With its built-in NTC temperature sensor, the testo 610 thermohygrometer offers great accuracy when it comes to temperature measurement. The thermohygrometer measures humidity using its capacitive humidity sensor which is characterized by its long-term stability. The two sensors make the testo 610 a reliable and durable thermohygrometer.

The thermohygrometer is easy to use: the current temperature and humidity values are easily legible on the illuminated display. In addition, it can display the calculated dew point and wet bulb temperature, as well as min./max. values. With its clip-on protective cap, wrist strap and belt pouch, the handy thermohygrometer can be safely stored and easily taken along to any measuring location.

Delivery Scope
Testo 610 thermohygrometer, protective cap, calibration protocol, belt pouch and batteries.

Blackline G7c Unit (Quoted spec for contract)

Contact us to specify your unit

Blackline Safety's G7c uses integrated 4G/2G or 3G/2G connectivity to wirelessly link your team to real people, while automating data analytics and compliance reporting.

All safety incidents are communicated to 24/7 live monitoring personnel who can mobilise responders to an employee's exact location or trigger an evacuation in real-time.

With a two-way speakerphone, monitoring personnel can communicate directly with the worker, providing critical insights and situational awareness for optimised emergency responses.

Testo 868s Thermal Imaging Camera

5501345

Features & Benefits:

- Image quality with IR resolution of 160 x 120 pixels (with testo Super Resolution technology 320 × 240 pixels)

- Thermal sensitivity of 0.08 °C

- Free analytical software for creating professional reports

- Automatic detection of hot and cold spots

- Thermal images can be saved as JPEGs

- App for analysis and creating on-site measurement reports

Technical data:

Infrared image output	
Infrared resolution	160 x 120 pixels
Thermal sensitivity (NETD)	<0.08 °C (80 mK)
Field of view/min. focusing distance	31° x 23° / < 0.5 m
Geometric resolution (IFOV)	3.4 mrad
testo SuperResolution (pixels/IFOV)	320 x 240 pixels 2.1 mrad
Image refresh rate	9 Hz
Focus	Fixed focus
Spectral range	7.5 to 14 µm
Visual image output	
Image size / min. focusing distance	5 MP / min. 0.5 m
Image presentation	
Image display	8.9 cm (3.5") TFT, QVGA (320 x 240 pixels)
Display options	IR image / real image
Colour palettes	iron, rainbow HC, cold-hot, grey
Data interface	
WLAN Connectivity	Communication with the testo Thermography App Wireless module WLAN (EU, EFTA, USA, AUS, CDN, TR)
USB 2.0 micro B	✔
Measurement	
Measuring ranges	Measuring range 1: -30 to +100 °C Measuring range 2: 0 to +650 °C Manual/automatic switchover
Accuracy	±2 °C, ±2 % of measured value (higher value applies)
Emissivity/reflected temperature adjustment	0.01 to 1 / manual
testo ε-Assist	Automatic recognition of emissivity and determination of reflected temperature (RTC)
Measuring functions	
Analysis functions	Centre point measurement, hot/cold spot detection, delta T
testo ScaleAssist	✔
IFOV warner	✔
Imager features	
Digital camera	✔
Lens	31° x 23°
Video streaming	via USB via WLAN with testo Thermography App
Storage as JPG	✔
Fullscreen mode	✔

Image storage	
File format	.bmt and .jpg; export options in .bmp, .jpg, .png, .csv, .xls
Memory	Internal memory (2.8 GB)
Power supply	
Battery type	lithium ion rechargeable battery exchangeable on site
Operating time	4 hours
Charging options	In instrument/in charging station (optional)
Mains operation	✔
Ambient conditions	
Operating temperature range	-15 to +50 °C
Storage temperature range	-30 to +60 °C
Air humidity	20 to 80 %RH, non-condensing
Housing protection class (IEC 60529)	IP54
Vibration (IEC 60068-2-6)	2G
Physical features	
Weight	510 g
Dimensions (LxWxH)	219 x 96 x 95 mm
Housing	PC - ABS
PC software	
System requirements	Windows 10, Windows 8.1
Standards, tests	
EU Directive	EMC: 2014/30/EU RED: 2014/53/EU

Overview

With the testo 868s thermal imager, we have developed a thermal imager which makes work quicker and easier – without foregoing professional thermal imaging technology.

You can generate error-free and objectively comparable infrared images using its handy functions. The IFOV warner, testo Assist and testo Scale Assist mean you can avoid measurement errors and not only effortlessly achieve optimum setting of emissivity (and reflected temperature (RTC) for building thermography, but also of colour scale.