

# ALVA MFT Pro

## The Future of Electrical Testing

The Di-LOG ALVA MFT Pro is a precision-engineered multifunction tester developed for professional UK electricians carrying out installation testing in line with BS 7671 and BS EN 61557. Whether performing initial verification, periodic inspection, or EVSE commissioning, the ALVA MFT Pro provides the reliability, automation, and diagnostic depth needed for full 18th Edition compliance.

Designed to streamline workflows on-site, it offers advanced RCD testing, non-trip loop technology, intelligent circuit analysis, and automated EV charger validation. With high-speed operation, intuitive interface, and built-in memory, it's ideal for contractors who need accurate results without unnecessary complexity.



Di-LOG's latest RCD-LOC+ Xpert Loop Technology introduces a new more dynamic way of Non-Trip Loop Testing. The latest technology delivers high-accuracy low-current Earth Loop measurements with an adjustable test current feature, optimising test precision based on your RCD current. This ensures reliable loop impedance testing while maintaining maximum safety and accuracy in all environments.



### Whats included:

- ALVA MFT Pro Installation Tester
- Hard Shell Carry Case
- Silicone 3-Wire Lead Set (Red, Blue & Green)
- Ultra Slim GS38 Shrouded Test Probes (Red, Blue & Green)
- MFT Mains Lead
- Remote Test Probe
- Shoulder Harness
- Download Lead
- 6 x 2100mAh NiMH Regarageable Batteries
- Charging Plug
- Calibration Certificate
- Quick Start Guide





## Key Features

- Full-Colour TFT Display - Vibrant, easy-to-read screen with interactive pass/fail controls, ideal for quick reference during testing.
- Multi-RCD Compatibility - Tests all major RCD types including AC, A, B, B+, EV and F—critical for diverse installations.
- Automated Continuity & Loop Testing - Auto Start function captures continuity and loop measurements, with dual-display readout for faster results.
- Intelligent 2/3 Wire Loop Detection - Automatically identifies loop configurations—no manual selection required.
- RCD-LOC+ Non-Trip Loop Testing - Advanced low-current Earth Loop testing technology optimised for circuits with active RCD protection.
- 7mA Continuity Testing - Ideal for testing inductive loads such as motor windings and long cable runs. -
- Zmax & Imax Recording - Tracks the highest Earth Loop Impedance and prospective short circuit current encountered during tests.
- Variable RDC Test Current - Customise test currents to suit site-specific RCD scenarios, improving diagnostic flexibility.
- EV Auto Sequence Testing - Streamlines EVSE verification by combining multiple charger tests—Loop, RDC, AC RCD, Ramp, and Voltage—in one automated routine.
- EV Charger Compatibility - Includes 6mA RDC-PD/MD and 1A RCD testing for precise EV charge point diagnostics.
- Earth Resistance Testing - Supports 3- and 4-pole measurements when used with optional earth resistance accessory kit.
- Rechargeable Operation - Internal charger functionality available when fitted with the optional NiMH battery and charge lead kit.
- Memory Storage - Stores up to 1,000 test results.

## ALVA Accessories



**DLEVLite** - Type 2  
EVSE Adaptor Plug  
for Mode 3 testing



**DLEV1** - EVSE Adap-  
tor Kit for Type 1 & 2  
Mode 3 testing



**TLERT3** - 3-Wire Earth Resistance  
Accessory Kit



**TLERT4** - 4-Wire Earth Resistance  
Accessory Kit

High Capacity 2800mAh  
Battery Options



**ALVABAT1**  
Batteries & External  
Charger



**ALVABAT2**  
Batteries, MFT Mains  
Plug & External  
Charger

# ALVA Series MFT Technical Specification

Voltage		
	ALVA MFT	ALVA MFT Pro
<b>Display Range</b>	0V to 550V	
<b>Measuring Range (TRMS)</b>	0V to 550V	
<b>Resolution</b>	1V	
<b>Voltage Accuracy</b>	+/- 2% +/- 2digits	
<b>Frequency Range</b>	45Hz – 400Hz	
<b>Resolution</b>	0.1Hz	
<b>Frequency Accuracy</b>	+/- 0.2% + 1Hz	

Phase Rotation		
	ALVA MFT	ALVA MFT Pro
<b>Display Range</b>	0V to 550V AC	
<b>Measuring Range</b>	Nominal Mains Voltage - 50V to 550V AC	
<b>Resolution</b>	1V	
<b>Voltage Accuracy</b>	+/- 2% +/- 2digits	
<b>Result Displayed</b>	Rotate Right: 1-2-3   Rotate Left: 3-2-1	
<b>Measurement According To</b>	BS EN 61557-7	

Earth Resistance Re & Ro		
	ALVA MFT	ALVA MFT Pro
<b>Earth Resistance Re (3-wire   4-wire)</b>		
<b>Display Range</b>		0.01Ω to 9999Ω
<b>Measuring Range</b>		0.1Ω to 9999Ω
<b>Resolution</b>		1.00Ω to 19.99Ω 20.0 to 199.9Ω 200.0 to 9999Ω
<b>Accuracy</b>		+/- 5% +/- 5 digits
<b>Max Auxiliary Earth Electrode Resistance Rh</b>		100xRE or 50kΩ (whichever is lower)
<b>Max Probe Resistance Rs</b>		100xRE or 50kΩ (whichever is lower)
<b>Additional Probe Resistance Error (Rhmax or Rsmx)</b>		+/- 10% +/- 10 digits
<b>Additional Error at 3V Noise (50Hz)</b>		+/- 5% +/- 10 digits
<b>Test Voltage</b>		<30 VAC Open Circuit
<b>Short Circuit Current</b>		<30mA
<b>Test Voltage Frequency</b>		126.9 Hz
<b>Earth Resistance Ro (3-wire   4-wire) Wenner Method</b>		
<b>Display Range</b>		0.1 Ωm to 99.9 Ωm

<b>Measurement Range</b>		6.0 Ωm to 99.9 Ωm
<b>Resolution</b>		0.1 Ωm
<b>Accuracy</b>		± (5 % of reading + 5 digits)
<b>Display Range</b>		1 Ωm to 999 Ωm
<b>Measurement Range</b>		100 Ωm to 999 Ωm
<b>Resolution</b>		1 Ωm
<b>Accuracy</b>		± (5 % of reading + 5 digits)
<b>Display Range</b>		0.01 kΩm to 9.99 kΩm
<b>Measurement Range</b>		0.1 kΩm to 9.99 kΩm
<b>Resolution</b>		0.01 kΩm
<b>Accuracy</b>		±(10% of read.) for Re 2kΩ to 19.99kΩ
<b>Display Range</b>		0.1 kΩm to 99.9 kΩm
<b>Measurement Range</b>		10.0 kΩm to 99.9 kΩm
<b>Resolution</b>		0.1 kΩm
<b>Accuracy</b>		±(10% of read.) for Re 2k to 19.99kΩ
<b>Display Range</b>		1 kΩm to 9999 kΩm
<b>Measurement Range</b>		100 kΩm to 9999 kΩm
		1 kΩm
<b>Accuracy</b>		±(20% of read.) for Re > 20 kΩ
<b>General</b>		Principle: $\rho = 2 \cdot \pi \cdot d \cdot R_e$ , where $R_e$ is a measured resistance in 4-wire method and $d$ is distance between the probes.
<b>Compliance</b>		BS EN 61557-5 (100Ω - 1999Ω)

Continuity		
	ALVA MFT	ALVA MFT Pro
<b>Low R (200mA)</b>		
<b>Display Range</b>	0.01Ω to 2000Ω	
<b>Measuring Range</b>	0.10Ω to 2000Ω	
<b>Resolution</b>	0.01Ω to 19.99Ω	
<b>Accuracy</b>	+/- 3% +/- 3 digits	
<b>Resolution</b>	20.0Ω to 99.9Ω 100Ω to 1999Ω	
<b>Accuracy</b>	+/- 5%	
<b>Test Voltage</b>	>5Vdc <25Vdc Open Circuit	
<b>Test Current</b>	>200mA into load resistance of 2Ω	
<b>Test Lead Compensation</b>	Up to 5Ω (Factory default to supplied leads when zero is off)	
<b>Maximum tests per charge</b>	Up to 1400 (with 2300mAh battery)	
<b>Low Current (7mA)</b>		
<b>Display Range</b>		0.1Ω to 1999Ω
<b>Measurement Range</b>		0.1Ω to 1999Ω
<b>Resolution</b>		0.01Ω to 99.9Ω 100Ω to 1999Ω
<b>Accuracy</b>	+/- 5% +/- 3 digits	
<b>Test Voltage</b>		>5Vdc <25Vdc Open Circuit max 7mA
<b>Compliance</b>		BS EN 61557-4 (0.1Ω - 1999Ω)

Rmax	ALVA MFT	ALVA MFT Pro
<b>Maximum R (Low Ohm Resistance Recording)</b>	No	Yes

Insulation		
	ALVA MFT	ALVA MFT Pro
<b>50V</b>		
<b>Display Range @</b>	0.001MΩ to 80.00MΩ	
<b>Measurement Range</b>	0.1MΩ to 80.00MΩ	
<b>Resolution</b>	0.100MΩ to 1.999MΩ 2.00MΩ to 80.00MΩ	
<b>Accuracy</b>	+/-3% +/-3 digits	
<b>Compliance</b>	BS EN 61557 from 50kΩ to 80MΩ	
<b>100V &amp; 250V</b>		
<b>Display Range</b>	0.001MΩ to 199.9MΩ	
<b>Measurement Range</b>	0.1MΩ to 199.9MΩ	
<b>Resolution</b>	0.100MΩ to 1.999MΩ 2.00MΩ to 99.99MΩ 100.0MΩ to 199.9MΩ	
<b>Accuracy</b>	+/-5% +/-3 digits	
<b>Compliance</b>	BS EN 61557 from 100kΩ to 199.9MΩ	
<b>500V &amp; 1000V</b>		
<b>Display Range</b>	0.001MΩ to 999MΩ	
<b>Measurement Range</b>	0.100MΩ to 199.9MΩ	
<b>Resolution</b>	0.100MΩ to 1.999MΩ 2.00MΩ to 99.99MΩ 100.0MΩ to 199.9MΩ	
<b>Accuracy</b>	+/-5% +/-3 digits	
<b>Display Range</b>	0.001MΩ to 999MΩ	
<b>Measurement Range</b>	200MΩ to 999MΩ 200MΩ to 999MΩ	
<b>Accuracy</b>	+/-10%	
<b>Compliance</b>	BS EN 61557 from 500kΩ to 199.9MΩ	
<b>Alarm Warning</b>	0.01MΩ to 200MΩ Screen & Audible User Selectable	
<b>Test Voltage</b>	50/100/250/500/1000V	
<b>Test Voltage Specification</b>	-0% +20% of Nominal (open circuit)	
<b>Test Current</b>	1mA at $R_n = U_n / V$	
<b>Maximum Test per Charge</b>	Up to 1000 (with 2300mAh battery)	

No Trip Loop Impedance (Z-Loop L-PE RCD and (Rs) Loop Variable & $I_{pfc}$ )		
	ALVA MFT	ALVA MFT Pro
<b>No-Trip Earth Loop</b>		
<b>Supply voltage</b>	93V to 134V & 185V to 266V @ (45Hz – 65Hz)	
<b>Display Range</b>	0.01Ω to 19.99Ω	
<b>Measuring Range</b>	0.4 to 19.99Ω	

<b>Resolution</b>	0.40 to 19.99Ω
<b>Accuracy</b>	+/-5% +/-10 digits (*)
<b>Display Range</b>	0.1Ω to 9999Ω
<b>Measuring Range</b>	20.0Ω to 9999Ω
<b>Resolution</b>	20.0Ω to 99.9Ω 100Ω to 9999Ω
<b>Accuracy</b>	+/-10% (*)
<b>General</b>	*Accuracy may be impaired by the influence of heavy noise on supply
<b>Compliance</b>	BS EN 61557 from 0.75Ω to 1999Ω
<b>Non-Trip Perspective Fault Current (<math>I_{pfc}</math>)</b>	
<b>Display Range</b>	0.01A to 100.0kA
<b>Measurement Range</b>	0.00A to 19.99A
<b>Resolution</b>	0.01A
<b>Measurement Range</b>	20.0A to 99.9A
<b>Resolution</b>	0.1A
<b>Measurement Range</b>	100A to 999A
<b>Resolution</b>	1A
<b>Measurement Range</b>	1.00kA to 9.99kA
<b>Resolution</b>	10A (0.01kA)
<b>Measurement Range</b>	10.0kA to 100.0kA
<b>Resolution</b>	100A (0.1kA)
<b>General</b>	Calculated value (please consider accuracy of Earth Loop measurement)

Loop Impedance – High Current (Z-Loop L-PE & $I_{pfc}$ )		
	ALVA MFT	ALVA MFT Pro
<b>Loop Impedance - High</b>		
<b>Supply voltage</b>	93V to 134V   185V to 266V @ (45Hz – 65Hz)	
<b>Display Range</b>	0.01Ω to 9999Ω	
<b>Measuring Range</b>	0.20 to 9999Ω	
<b>Resolution</b>	0.20 to 19.99Ω 20.0 to 99.9Ω 100 to 9999Ω	
<b>Accuracy</b>	+/-5% +/-5 digits	
<b>Compliance</b>	BS EN 61557-3 from 0.25Ω to 1999Ω	
<b>Perspective Fault Current (<math>I_{pfc}</math>)</b>		
<b>Display Range</b>	0.01A to 100.0kA	
<b>Measurement Range</b>	0.00A to 19.99A	
<b>Resolution</b>	0.01A	
<b>Measurement Range</b>	20.0A to 99.9A	
<b>Resolution</b>	0.1A	
<b>Measurement Range</b>	100A to 999A	
<b>Resolution</b>	1A	
<b>Measurement Range</b>	1.00kA to 9.99kA	
<b>Resolution</b>	10A (0.01kA)	
<b>Measurement Range</b>	10.0kA to 100.0kA	
<b>Resolution</b>	100A (0.1kA)	
<b>General</b>	Calculated value (please consider accuracy of the Line measurement)	
<b>Test Current</b>	3.4A @ 50Hz Sine wave ( $10\text{mS} \leq t_{LOAD} \leq 15\text{ms}$ )	

Line Impedance (Z-Line L-L L-N & I <sub>psc</sub> )		
	ALVA MFT	ALVA MFT Pro
<b>Line Impedance</b>		
<b>Supply voltage</b>	93V to 134V   185V to 266V   321V to 485V @ (45Hz – 65Hz)	
<b>Display Range</b>	0.01Ω to 9999Ω	
<b>Measuring Range</b>	0.2 to 9999Ω	
<b>Resolution</b>	0.20 to 19.99Ω 20.0 to 99.9Ω 100 to 9999Ω	
<b>Accuracy</b>	+/-5% +/-5 digits	
<b>Compliance</b>	BS EN 61557-3 from 0.25Ω to 1999Ω	
<b>Perspective Short Circuit Current (I<sub>psc</sub>)</b>		
<b>Display Range</b>	0.01A to 100.0kA	
<b>Measurement Range</b>	0.00A to 19.99A	
<b>Resolution</b>	0.01A	
<b>Measurement Range</b>	20.0A to 99.9A	
<b>Resolution</b>	0.1A	
<b>Measurement Range</b>	100A to 999A	
<b>Resolution</b>	1A	
<b>Measurement Range</b>	1.00kA to 9.99kA	
<b>Resolution</b>	10A (0.01kA)	
<b>Measurement Range</b>	10.0kA to 100.0kA	
<b>Resolution</b>	100A (0.1kA)	
<b>Test Current</b>	3.4A @ 50Hz Sine wave (10mS ≤ t <sub>LOAD</sub> ≤ 15ms)	
<b>Voltage Drop</b>		
<b>Display Range</b>	0.0% to 9.9%	
<b>Measurement Range</b>	0.0% to 9.9%	
<b>Resolution</b>	0.1%	
<b>General</b>	Calculated value (please consider accuracy of Line measurement)	

Zmax		
	ALVA MFT	ALVA MFT Pro
<b>Maximum Z (Maximum Recorded Z-Loop   Z-Line)</b>	No	Yes

Imax		
	ALVA MFT	ALVA MFT Pro
<b>Maximum I (Maximum Recorded PSC)</b>	No	Yes

RCD Testing General Specification		
	ALVA MFT	*ALVA MFT Pro
<b>RCD Type</b>	AC   A (pulsed)   F (high frequency)   B (DC)   B+   EV (EVSE) - General (G) & Selective (S)	
<b>Nominal Test Current</b>	6mA   10mA   30mA   100mA   300mA   500mA   Variable Mode	6mA   10mA   30mA   100mA   300mA   500mA   600mA   1kA   Variable Mode
<b>Nominal Current Factor</b>		½   1   2   5   IΔn

Test Current Polarity				0° or 180°																	
General				Not all factors are available for certain RCD types, see table below																	
$I_{\Delta N}$ (mA)	$\frac{1}{2}xI_{\Delta N}$			$1xI_{\Delta N}$			$2xI_{\Delta N}$			$5xI_{\Delta N}$			RCD $I_{\Delta}$								
	AC	A	B	AC	A	B	AC	A	B	AC	A	B	AC	A	B						
	6	3	2,1	3	6	12	12	24	24	30	60	60	✓	✓	✓						
	10	5	3,5	5	10	20	20	40	40	50	100	100	✓	✓	✓						
	30	15	10,5	15	30	42	60	60	84	120	150	212	300	✓	✓						
	100	50	35	50	100	141	200	200	282	400	500	707	1000	✓	✓						
	300	150	105	150	300	424	600	600	848	na	1500	na	na	✓	✓						
	500	250	175	250	500	707	1000	1000	1410	na	2500	na	na	✓	✓						
	*650	325	228	325	650	919	1300	1300	na	na	na	na	na	✓	✓						
	*1000	500	350	500	1000	1410	na	2000	na	na	na	na	na	✓	✓						
<b>Nominal Current Accuracy</b>				$-0 / +0.1 \cdot I_{\Delta}; I_{\Delta} = I_{\Delta N}   2xI_{\Delta N}, 5xI_{\Delta N} - 0.1 \cdot I_{\Delta} / +0; I_{\Delta} = \frac{1}{2}xI_{\Delta N}$																	
<b>Variable RCD Test</b>				1mA – 500mA						1mA – 1000mA											
<b>Test Current Accuracy</b>				$-0\% +10\% \text{ at } I_{\Delta n} \text{ and } 5I_{\Delta n}$ $-0\% +10\% \text{ at } \frac{1}{2}I_{\Delta n}$																	
<b>Trip Time Ranges</b>				0 to 2000ms $\frac{1}{2}I_{\Delta n}$ 0ms - 300ms $I_{\Delta n}$ general 0ms - 500ms $I_{\Delta n}$ selective 0 to 40ms 5 $I_{\Delta n}$																	
<b>Trip Time Accuracy</b>				$\pm 5\% \text{ +/- 2 digits}$																	
<b>Nominal Test Current</b>				10mA/30mA/100mA ( $\frac{1}{2}, 1, 5 I_{\Delta n}$ ) 300mA/500mA ( $\frac{1}{2}, 1 I_{\Delta n}$ )																	
<b>Compliance</b>				IEC61557-1, IEC61557-6																	

RCD Trip Time Test		
	ALVA MFT	*ALVA MFT Pro
<b>Supply Voltages</b>	93 to 134V   185-266V, 45Hz – 65Hz	
<b>Display Range</b>	0.1ms to 500.0ms	
<b>Measurement Range</b>	0.0ms to 500ms	
<b>Resolution</b>	0.1ms	
<b>Accuracy</b>	$\pm 3$ ms	
<b>Compliance</b>	BS EN 61557-6	

RCD Trip Current (Ramp Test)		
	ALVA MFT	*ALVA MFT Pro
<b>Supply Voltages</b>	93 to 134V   185-266V, 45Hz – 65Hz	
<b>Display Range</b>	0.05mA to 1100mA	
<b>Measurement Range</b>	$0.2 \times I_{\Delta N} \div 1.1 \times I_{\Delta N}$ (AC type) $0.2 \times I_{\Delta N} \div 1.5 \times I_{\Delta N}$ (A type, $I_{\Delta N} \geq 30$ mA) $0.2 \times I_{\Delta N} \div 2.2 \times I_{\Delta N}$ (A type, $I_{\Delta N} = 10$ mA) $0.2 \times I_{\Delta N} \div 2.2 \times I_{\Delta N}$ (B type)	
<b>Resolution</b>	0.05x $I_{\Delta N}$	
<b>Ramp Test Tripping Time</b>	0 to 300ms	
<b>Resolution</b>	1ms	
<b>Accuracy</b>	$\pm 0.1 \times I_{\Delta N}$	
<b>Compliance</b>	BS EN 61557-6 for $I_{\Delta N} \geq 10$ mA	

Contact Voltage		
	ALVA MFT	*ALVA MFT Pro
<b>Supply Voltages</b>	93 to 134V   185-266V, 45Hz – 65Hz	
<b>Display Range</b>	0.1V to 99.9V	
<b>Measurement Range</b>	3.0v to 9.9V 10.0 to 99.9V	
<b>Resolution</b>	0.1V	
<b>Contact Voltage Limit</b>	20V   50V	
<b>Test Current</b>	0.5xI <sub>ΔN</sub>	
<b>Accuracy</b>	(-0%/+10%) of reading + 5 dgts	
<b>Compliance</b>	BS EN 61557-6 for 3.0V – 49.0V with a limit of 25V BS EN 61557-6 for 3.0V – 99.0V with a limit of 50V	

RDC-MD/PD Trip Time Test		
	ALVA MFT	ALVA MFT Pro
<b>Supply Voltages</b>	93 to 134V   185-266V, 45Hz – 65Hz	
<b>Nominal Test Current</b>	6mA	
<b>Test Current Accuracy</b>	-0% +10%	
<b>Trip Time Ranges</b>	0 to 10000 I <sub>Δn</sub>	
<b>Trip Time Accuracy</b>	+/- 5% +/- 2 digits	
<b>Ramp Test Current Range</b>	2mA – 6mA	
<b>Compliance</b>	BS EN 61557-6	

EV Auto Sequence		
	ALVA MFT	ALVA MFT Pro
<b>Supply Voltage</b>	No	93 to 134V   185-266V, 45Hz – 65Hz
<b>Auto Sequence:</b>		Non-Trip Loop Test 6mA RCD-PD/MD (0° & 180°) 30mA AC (0° & 180°) @ ½ xI <sub>Δn</sub>   1 xI <sub>Δn</sub>   5 xI <sub>Δn</sub> 6mA DC Ramp 30mA AC Ramp Voltage L-N   L-PE   N-PE

General Data		
	ALVA MFT	ALVA MFT Pro
<b>Power Supply Voltage</b>	9V <sub>DC</sub> (6 x 1.5V Battery Cells Size AA)	
<b>Power Supply Adaptor</b>	12V DC / 1000mA	
<b>Battery Charging Current</b>	< 600mA (internally regulated)	
<b>Voltage of Charged Batteries</b>	9 V <sub>DC</sub> (6 x 1.5V fully charged)	
<b>Charging Duration</b>	Typical 6 Hours	
<b>Operational Time</b>	Typical 15 Hours	
<b>Overvoltage Category</b>	CAT III 600V   CAL IV 300B	
<b>Protection Classification</b>	Double Insulated	

<b>Protection Degree</b>	2
<b>Protection Degree</b>	IP 42
<b>Display</b>	480 x 320 TFT Colour LDC
<b>COM Port</b>	USB
<b>Reference Conditions</b>	
<b>Temperature Range</b>	10°C to 30°C
<b>Humidity Range</b>	40 %RH to 70 %RH
<b>Operating Conditions</b>	
<b>Working Temperature Range</b>	0°C to 40°C
<b>Maximum Relative Humidity Range</b>	95 %RH (0°C to 40°C)   non-condensing
<b>Storage Conditions</b>	
<b>Temperature Range</b>	-10°C to +70°C
<b>Maximum Relative Humidity Range</b>	90 %RH (-10°C to 40°C) 80 %RH (40°C to 60°C)

<b>Additional Data</b>	<b>ALVA MFT</b>	<b>ALVA MFT Pro</b>					
<b>Weight</b>	Approx. 1300g						
<b>Dimensions</b>	Width 250mm Depth 1350mm Height 107mm						
<b>ALVA Series Boxed</b>	TBN	TBN	TBN	TBN			
<b>ALVA Series Boxed Dimensions</b>	Width 304mm Depth 190mm Height 264mm						
<b>EAN Barcode</b>	5060082544781	5060082544781					

<b>Box Contents</b>	<b>ALVA MFT</b>	<b>ALVA MFT Pro</b>
	Multifunction Tester	
	Padded neck strap	
	EVA Hard Shell carry case	
	Mains lead	
	1.2M Blue test lead	
	1.2M red test lead	
	1.2M green test lead	
	Blue ultra-slim test probe	
	Red ultra-slim test probe	
	Green ultra-slim test probe	

	Red remote test probe
	Blue crocodile clip
	Red crocodile clip
	Green crocodile clip
<b>MN1500 (AA) 1.5v Batteries x 6</b>	<b>2100mAh NiMH Rechargeable Batteries x 6</b>
	<b>Mains recharging plug</b>
	<b>Download lead</b>
	<b>Quick Start Guide</b>
	<b>Calibration certificate</b>

### ALVA Series Spares and Accessories

ALVA MFT	ALVA MFT Pro
<b>LS3W9073 – Red/Blue/Green 3 wire lead set c/w croc clips and probes</b>	
<b>ML9073 – Red/Blue/Green 13A to 4mm mains lead</b>	
<b>ALVARP – Remote Test Probe (suitable for ALVA Series testers)</b>	
<b>CCALVA – Soft NEW Style Carry Case</b>	
<b>ALVABAT2 – 6 x 2800mAh High Capacity Rechargeable Battery Upgrade Kit with internal plug &amp; external charger</b>	<b>ALVABAT1 – 6 x 2800mAh High Capacity Rechargeable Battery Upgrade Kit with external charger</b>
	<b>TLERT3 – 3-wire Earth Resistance Accessory Kit with 2 spikes</b>
	<b>TLERT4 – 4-wire Earth Resistance Accessory Kit with 3 spikes</b>

For help or advice on Service and Calibration, contact:

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