



**It's the 1s  
that make the  
difference**

**NEW** range of multifunction  
testers from Megger

MFT1711, MFT1721 and MFT1731

The original multifunction installation tester

**Megger**<sup>®</sup>

# Great value ... Useful features

# Megger®

## It's a Megger



The **NEW MFT1700** series brings a different dimension to installation testing; making it easier, faster and you more productive.

Acknowledged by electrical contractors UK wide, the Megger MFT is the toughest and simplest to use. This new generation introduces even better value for money. Each tester offers more in the way of facilities and functions than its predecessor in the range; with features like auto RCD testing moving in to the single-phase entry level meter.

The whole range of testers now has full auto RCD testing as well as True RMS voltage measurement. Other range wide additions are the 1 kV insulation resistance test voltage and the inclusion of 10 mA as well as variable RCD rated tests.

Another really useful feature that can now be found on every instrument is the  $Z_{MAX}$  function ensuring testing final ring circuits is quick and easy.

When testing continuity, nulling the test leads is simple and the meter retains the null value even when changing the batteries. And when loop impedance testing, there is no need to null your leads at all.

Testing with a Megger is designed to be fast and simple from the outset.

All Megger MFTs are tough, both mechanically and electrically, that's why we supply an industry leading 3 year warranty. It won't go bang when connected across phases, when it's used in the rain, when it's dropped or bounced, or even when the insulation test is locked on and connected to a live circuit! The Megger multifunction tester offers a higher degree of safety than many on the market.

Because it is rated at Category IV for safety, as well as being dust and rain proof to IP54, it means that you can use your Megger MFT1700 in almost any environment without a second thought.

The new MFT1700 series from Megger: designed and built in the UK, for the UK

		MFT1711	MFT1721	MFT1731
<b>Insulation test ranges</b>	Test voltage display	■	■	■
	1 kV	■	■	■
	500 V	■	■	■
	250 V	■	■	■
	100 V	■	■	■
	Adjustable buzzer threshold	■	■	■
<b>Continuity and resistance range</b>	Full protection against live circuits	■	■	■
	200 mA	■	■	■
	15 mA	■	■	■
	Adjustable buzzer threshold	■	■	■
	Auto start continuity test	■	■	■
	Auto start continuity test	■	■	■
<b>Earth loop impedance ranges</b>	2-wire no-trip test L-PE	■	■	■
	3-wire no-trip test L-PE	■	■	■
	L-PE 48 V to 280 V, 45 Hz to 65 Hz	■	■	■
	2-wire high current testing	■	■	■
	L-N / L/N 48 V to 480 V, 45 Hz to 65 Hz	■	■	■
	L-N 48 V to 280 V, 45 Hz to 65 Hz	■	■	■
	PSCC or PFC calculations displayed with loop resistance	■	■	■
	up to 20 kA fault current	■	■	■
	$Z_{MAX}$ value	■	■	■
	Calculated R1 +R2	■	■	■
<b>RCD testing ranges</b>	10, 30, 300, 500 mA RCDs	■	■	■
	1000 mA RCDs	■	■	■
	1/2, I, I and S I test	■	■	■
	0° and 180° phase angle	■	■	■
	High speed auto RCD	■	■	■
	Ramp test	■	■	■
	Type A, AC and S RCDs	■	■	■
	Programmable RCDs	■	■	■
	Type B RCDs	■	■	■
	3-phase RCDs	■	■	■
	Touch voltage display 0 to 230 V	■	■	■

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<b>Voltage, frequency and phase rotation</b>	10 V to 600 V ac and dc voltage	■	■	■
	True RMS measurement	■	■	■
	Frequency 15 Hz to 400 Hz	■	■	■
	Phase rotation	■	■	■
<b>Earth testing</b>	3-pole earth electrode testing	■	■	■
	ART 3-pole electrode testing	■	■	■
	Stakeless or clamp-on earth electrode technique	■	■	■
	25 V and 50 V output voltage	■	■	■
	Ground noise check	■	■	■
	Ground noise check	■	■	■
<b>Intelligent safety system</b>	Test lock out	■	■	■
	Safe contact detection	■	■	■
	Live circuit warning	■	■	■
	Auto discharge	■	■	■
<b>Additional benefits</b>	Analogue arc	■	■	■
	Hard plastic carry case	■	■	■
	Large carry bag	■	■	■
	Test probe incorporating test button	■	■	■
	Current measurement 0.1 mA to 200 A*	■	■	■
	On-board recharging	■	■	■
	Bluetooth® downloading	■	■	■
	On-board memory	■	■	■
	Temperature measurement **	■	■	■
	Dust and weather proof to IP54	■	■	■
	FREE calibration certificate	■	■	■
FREE upgradeable warranty to 3 years	■	■	■	
Safety rating	CAT IV 300 V	CAT IV 300 V	CAT IV 300 V	

\* using optional clamp \*\* Using third party temperature module



**MFT1711** – Single phase installation tester  
 2 and 3-wire non-trip loop impedance testing  
 Fast 2-wire high current loop test for unprotected circuits  
 Z<sub>max</sub> facility  
 Full range of RCD tests from 10 mA to 500 mA  
 Auto RCD and ramp test  
 Variable as well as selective RCD testing  
 Insulation testing at 1 kV, 500 V and 250 V  
 Continuity and low Ωs at 200 mA  
 True RMS voltage measurement



**MFT1721** – Three –phase installation tester  
 2 and 3-wire non-trip loop impedance testing  
 Fast 2-wire high current loop test including phase to phase testing ability  
 Z<sub>MAX</sub> facility  
 Full range of RCD tests from 10 mA to 1000 mA  
 Selective, variable, type B and 3-phase RCD (no neutral), testing.  
 Auto RCD and ramp test  
 Insulation testing at 1 kV, 500 V, 250 V and 100 V  
 Continuity and low Ωs at 200 and 15 mA  
 Adjustable buzzer threshold  
 True RMS voltage measurement and phase rotation



**MFT1731** – The ultimate three – phase installation tester  
 2 and 3-wire non-trip loop impedance testing  
 Fast 2-wire high current loop test including phase to phase testing ability  
 Z<sub>MAX</sub> facility  
 Full range of RCD tests from 10 mA to 1000 mA  
 Selective, variable type B and 3-phase RCD (no neutral) testing  
 Auto RCD and ramp  
 Insulation testing at 1 kV, 500 V, 250 V and 100 V  
 Continuity and low Ωs at 200 and 15 mA  
 Adjustable buzzer threshold  
 True RMS voltage measurement and phase rotation  
 Stake-less, ART and 3-wire earth electrode testing  
 Includes earth electrode testing lead set  
 Supplied in a large soft carry case.

Megger Limited  
 Archcliffe Road Dover CT17 9EN UK  
 T +44 (0) 1304 502 101  
 F +44 (0) 1304 207 342  
 E [uksales@megger.com](mailto:uksales@megger.com)  
[www.megger.com](http://www.megger.com)

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