

# Portable universal tester

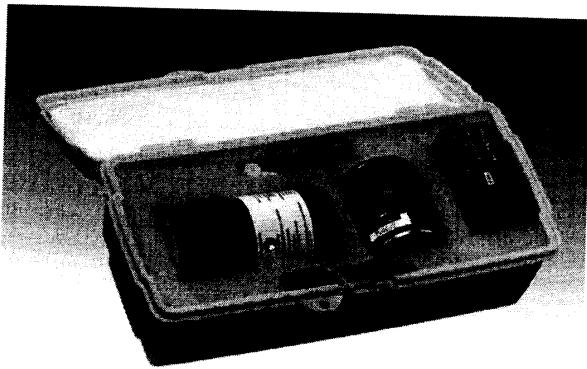
Based on a unique idea, this unit is a probe with a built-in tester. It can indicate the resistance range of wrist straps (as worn) work surfaces and floors. It is supplied with a cable, which makes it a stand-alone tester for verifying resistance to ground RG, which is the most useful measurement for testing an EPA. Wrist straps may be tested on their own or whilst connected to an Earth Bonding Point. The test mode is selected with the main test button. The test voltage is selected automatically, and the instrument powers off after the test. It is safe to use as the internal power supply is fitted with a current limiting resistor.



## Patent applied for

- Two modes for each test: continuous or single sample
- Three test voltages: 5, 24, 100V
- Test voltage indicated via a multicolour LED
- Five test thresholds: 5Ω, 0.75, 35, 100, 1000MΩ
- Four LED and a buzzer indicate test result
- Robust anodised aluminium body
- Carbon rubber pad, 3mm thick, 63mm diameter
- Supplied with cable and accessories, battery charger, battery and calibration certificate
- Kit with an additional cylindrical probe allows RP measurements

<b>WRISTSTRAP TEST</b>	
Threshold calibration	
Fail low:	0.75MΩ
Fail high:	35MΩ
Accuracy (at +20°C):	+/- 5%
Open circuit voltage:	24V max
Short circuit current	11μA max
<b>BENCH TOP AND RESISTANCE TEST</b>	
Threshold settings	5Ω, <106 < 3.5 x 107MΩ <108, <109MΩ
Accuracy (at +20°C):	+/- 10%
Open circuit voltage:	100V max
Short circuit current	100μA max
<b>HARD GROUND TEST</b>	
Threshold	5Ω
Accuracy (at +20°C):	+/- 5%
Open circuit voltage:	5V max
Short circuit current:	5μA max
<b>POWER SUPPLY</b>	
Battery	9V PP3 NiMH
<b>PHYSICAL SPECIFICATIONS</b>	
Size	73 x 140mm
Weight	2.5kg ± 6 %
Rubber pad diameter	63mm



#### Battery care tips

- Ideally only recharge the battery when it has totally lost its charge.
- Recharge the battery for no more than 12 to 16 hours.
- Ideally, recharge the battery fully.

**N.B.:** The battery will keep 90% of its charge when left unused for one month at 20°C.

**N.B:** Items in **bold** are stock items!

UNIVERSAL TESTER	CODE	UNIT
Universal tester with cord and accessories	<u>H730C</u>	each
<b>Universal tester kit with H116CB probe</b>	<b><u>H735C</u></b>	<b>each</b>
Recalibration*	H73R	each