

數位多功能及絕緣阻抗計

DIGITAL MULTIFUNCTION & INSULATION CONTINUITY-VOLTAGE TESTER



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1152 MF

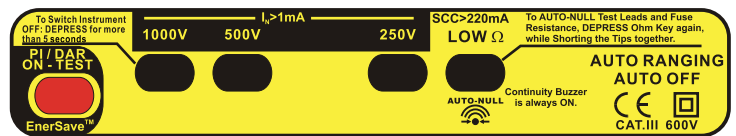


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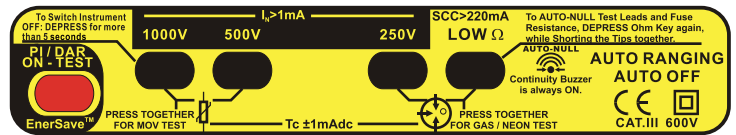
1155 TMF

- 微處理器控制設計
- 寬廣型液晶顯示器
- 測試電壓、類比刻劃顯示
- 作低阻抗($LOW \Omega$)量測時，作自動歸零設計
- 量測高阻抗($M\Omega$)，被測物帶有直流電壓(DCV)或交流電壓(ACV)時，有自動保護切換功能
- 電容性充電電壓自動放電功能設計
- 讀值自動鎖定
- 自動關機設定
- 電池電力大小自動顯示
- 過電壓保護功能
- 測試被動元件(MOV)和氬燈(Gas)功能設計
- 符合英國第16版本安全規範(UK16th)
- 符合IEC/EN 61010-1 CAT III 600V

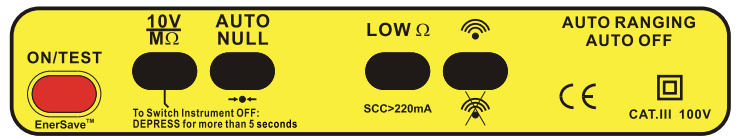
1151 IN



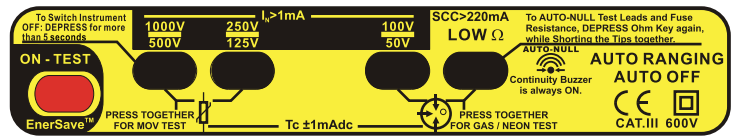
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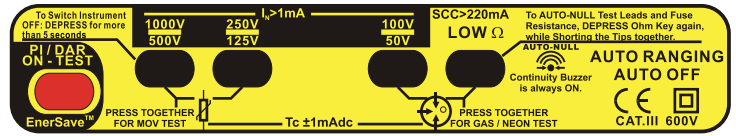
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絕緣阻抗(MΩ)

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量測電壓	量測範圍					
1000V	0.2MΩ-8GΩ	●	●		●	●
500V	0.2MΩ-4GΩ	●	●		●	●
250V	0.2MΩ-2GΩ	●	●		●	●
125V	0.1MΩ-1GΩ				●	●
100V	0.1MΩ-800MΩ				●	●
50V	0.1MΩ-400MΩ				●	●
10V	0.1MΩ-80MΩ			●		
容許誤差		0.1MΩ-4GΩ : ±3%讀值		4GΩ-8GΩ : ±5%讀值		

電壓量測

電壓量測	量測範圍					
交流電壓(ACV)	0-700V	●	●		●	●
	0-100V			●		
直流電壓(DCV)	0-950V	●	●		●	●
	0-100V			●		
容許誤差		±1.5%滿刻度				

導通測試(Ω)

量測電壓	量測範圍					
0.01-100Ω	±1%讀值	●	●	●	●	●
100-300Ω	±1.5%讀值	●	●	●	●	●
300-1999Ω	±2%讀值	●	●	●	●	●
自動歸零(小於 5Ω)		●	●	●	●	●
蜂鳴器響應(小於 3Ω)		●	●	●	●	●

元件過壓保護檢測(MOV Test)

5-1020V	±3%讀值誤差		●		●	●
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氣體填充元件過壓檢測(Gas Arrester Test)

5-1020V	±3%讀值誤差		●		●	●
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一般敘述

快速測試	10 秒
長時間測試	60 秒
外形尺寸	175(長) x 85(寬) x 75(高)mm
重量	約 660 克(含電池)
操作環境	0°~55°C 80%RH
使用電池	1.5V x 8(顆) 三號電池
附件	測試線一組 說明書 x1(本) 肩帶 x1(條) 皮套 x1(個) 電池 x8(顆)



STANDARD

Test & Measuring Instruments



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FEATURES

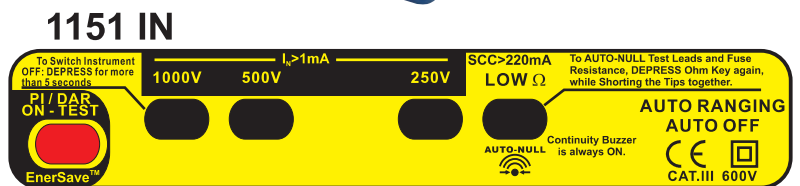
- Auto-Range microprocessor controlled.
- Automatic voltmeter AC/DC at Start/Reset.
- Auto-off.
- Battery test.
- Battery test at Switch ON/Reset.
- Safety voltmeter before each test.
- Auto-Discharge on all test and all ranges.
- Leads Auto-Null key.
- Test Auto-Stop.
- Smart hold & stop on voltmeter ac/dc.
- Ener-Save™.
- Continuity short circuit current > 220mA.
- Continuity open circuit voltage of 5Vdc.
- Nominal voltage @ 1mA on all insulation ranges.
- Display customization for OEM.
- Accept 8 Rechargeable batteries or Alkaline or normal.
- UK 16th edition.
- IEC/EN 61010-1 CAT III 600V.
IEC/EN 61010-1 CAT III 100V(only 1153AI).
EN 61326+A1+A2+A3, EN 55011+A1+A2,
EN 61000-3-2+A2, EN 61000-3-3+A1+A2,
EN 61000-4-2+A1+A2, EN 61000-4-3+A1,
EN 61000-4-4, EN 61000-4-5+A1,
EN 61000-4-6+A1, EN 61000-4-11



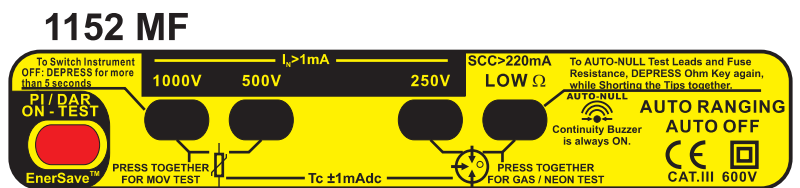
TEL-AL28-5

BET-1800

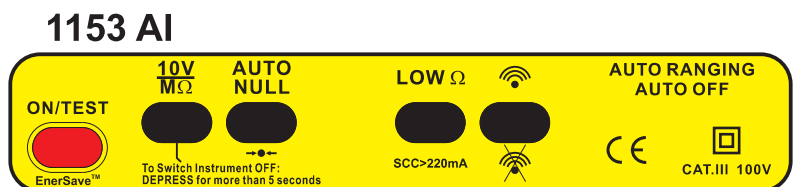
CAC-1151
120(L)x110(w)x210(D)



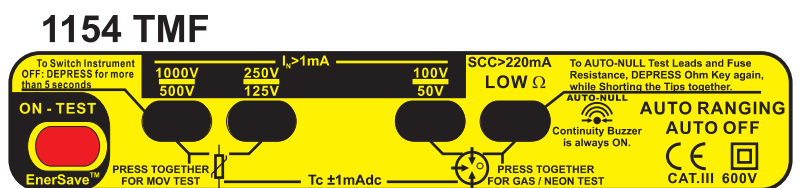
1151 IN



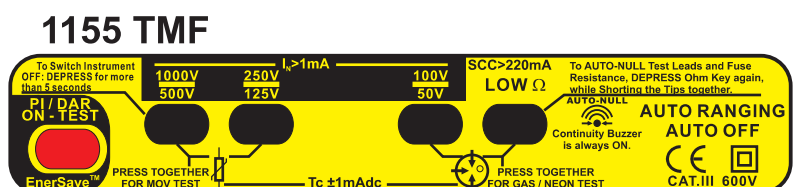
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1155 TMF

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Test & Measuring Instruments

SPECIFICATIONS	1151 IN	1152 MF	1153 AI	1154 TMF	1155 TMF
Multi-Function Testers	Electrical Instalations	Electrical Instalations Maintenance Analysis	Auto Motive Repairs Maintenance	Electrical Instalations Telecoms Maintenance	Electrical Instalations Telecoms Maintenance Analysis

Insulation

Test Voltage	Insulation Resistance	1151 IN	1152 MF	1153 AI	1154 TMF	1155 TMF
1000V	0.2MΩ~8GΩ	●	●		●	●
500V	0.2MΩ~4GΩ	●	●		●	●
250V	0.2MΩ~2GΩ	●	●		●	●
125V	0.1MΩ~1GΩ				●	●
100V	0.1MΩ~800MΩ				●	●
50V	0.1MΩ~400MΩ				●	●
10V	0.1MΩ~80MΩ			●		
Accuracy		0.1MΩ~4GΩ : ±3%rdg 4GΩ~8GΩ : ±5%rdg				
PI=Polarization Index		●	●			●
DAR=Dielectric Absorption Ratio		●	●			●

Metal Oxide Varistor (MOVs)

Test Voltage	Accuracy & Resolution	1151 IN	1152 MF	1153 AI	1154 TMF	1155 TMF
5~1020V	±3%rdg ±2counts		●		●	●

Gas Arrester Voltage Result @ 1mA

Test Voltage	Accuracy & Resolution	1151 IN	1152 MF	1153 AI	1154 TMF	1155 TMF
5~1020V	±3%rdg ±2counts		●		●	●

Continuity Short Circuit Current > 220mA

Range	Accuracy	1151 IN	1152 MF	1153 AI	1154 TMF	1155 TMF
0.01~100Ω	±1%rdg	●	●	●	●	●
100~300Ω	±1.5%rdg	●	●	●	●	●
300~1999Ω	±2%rdg	●	●	●	●	●
Auto-Null	Up to 5Ω	●	●	●	●	●
Buzzer	Threshold Value	●	●	●	●	●
	Up to 3Ω	●	●	●	●	●

Voltmeter (Autoranging)

Range	Accuracy & Resolution	1151 IN	1152 MF	1153 AI	1154 TMF	1155 TMF
0~700Vac	±1.5%F.S ±1V	●	●		●	●
0~950Vdc	±1.5%F.S ±1V	●	●		●	●
0~100Vac	±1.5%F.S ±1V			●		
0~100V c	±1.5%F.S ±1V			●		
Auto-Hold		●	●	●	●	●

General

Battery Load Current	About 300mA
Battery Type	Alkaline 1.5V(AA) x 8 (Rechargeables 1.2V x 8)
L.C.D Type	Large Type 2 x 16 Characters
Auto-off	Approx. 5 minutes
Fuse	Fast HBC 600V 500mA
Dimensions	175(L) x 85(W) x 75(H) mm
Weight	Approx. 655g
Operating Temperature	1°C to 55°C not in full sun
Storage Temperature	-20°C to 70°C
Accessories	Test leads Shoulder belt Carrying case Instruction manual Batteries

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