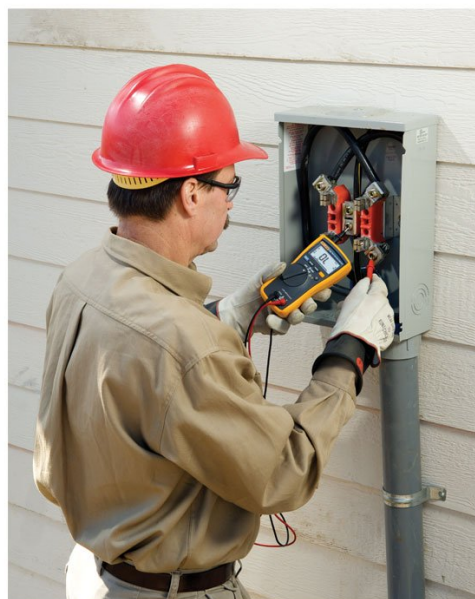


技術資料

Fluke 113 電氣測量萬用電表





主要功能

- VCHEK™ LoZ 低阻抗測量功能可同時測試電壓或導通性*
- 真均方根可精準測量非線性負載上的交流電
- 大型背光顯示幕讓您在低照明度的區域仍能輕鬆檢視資訊
- 使用最小/最大值功能記錄訊號波動
- 二極體測試可用於測試通用鍺、矽和功率二極體
- 附有探棒架的整體式皮套，方便收納
- 自動和手動測距，提供額外使用者功能
- 符合測量類別 CAT III 600 V 與類別 IV 300 V 標準，安全性更高
- 選購 TPAK 磁性吊帶，讓使用者能夠免手持使用，提高操作彈性

產品概述: Fluke 113 電氣測量萬用電表

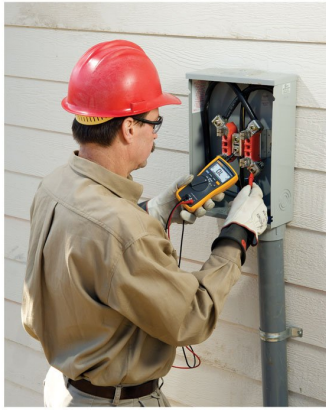
Fluke 113 電氣測量萬用電表可讓使用者快速輕鬆地進行基本電表設定及重新連線測試。此款電表簡單易用，具備必要的功能可維修大多數的電氣問題。Fluke 113 的功能大幅超越市面上的其他數位萬用電表 (包括 Fluke 7-600 機型)。有了 Fluke VCHEK™ LoZ 低阻抗測量功能，使用者可同時測試電壓或導通性。LoZ 低阻抗測量功能也會阻斷附近導體引起的鬼電壓。*請注意，LoZ 低阻抗測量功能會對受 RCD 保護的電路提供低負載，這可能導致 RCD 跳脫。最小/最大值功能可讓您記錄訊號波動。Fluke 113 可執行二極體測試，還提供自動和手動測距功能。此款電表符合最新安全標準，且具備讓使用者能輕鬆檢視的背光大尺寸顯示幕，是每個工具箱必備的儀表。

規格: Fluke 113 電氣測量萬用電表

Specifications		
VCHEK ^{1 2 3}	Range	6.000 V / 60.00 V / 600.0 V
	Resolution	0.001 V / 0.01 V / 0.1 V
	Accuracy	DC, 45 to 500 Hz: 2.0% + 3 500 Hz to 1 kHz: 4.0% + 3
Diode test ⁴	Range	2.000 V
	Resolution	0.001 V
	Accuracy	2.0% + 3
Continuity ⁴	Accuracy	Beeper on < 20 Ω , off > 250 Ω detects opens or shorts of 500 μ s or longer
Ω ⁴	Range	600.0 Ω / 6.000 k Ω / 60.00 k Ω
	Resolution	0.1 Ω / 0.001 k Ω / 0.01 k Ω
	Accuracy	0.9% + 2 / 0.9% + 1 / 0.9% + 1
Capacitance ⁴	Range	1000 nF / 10.00 μ F / 100.0 μ F / 9999 μ F
	Resolution	1 nF / 0.01 μ F / 0.1 μ F / 1 μ F
	Accuracy	1.9% + 2 100 μ F - 1000 μ F: 1.9% + 2 1000 μ F: 5% + 20
1. All VChek voltage ranges are specified from 60 counts to 100% of range. Because inputs below 60 counts are not specified, it is possible and normal for this and other true-rms meters to display non-zero readings when the test leads are disconnected from a circuit or are shorted together. 2. Crest factor of ≤ 3 at 4000 counts, decreasing linearly to 1.5 at full scale. 3. Minimum measureable input in VCHEK autorange is 3 VDC. For measurements below 3 VDC, push Range button twice to get to 6 VDC manual range. 4. After measuring voltage, a wait time of 1 minute is required to maintain accuracy of ohms, capacitance, diode test, and continuity.		
Specifications		
Maximum voltage between any terminal and earth ground	600 V	
Display	3 3/4-digits, 6000 counts, updates 4/sec	
Operating temperature	-10°C to 50°C (14°F to 122°F)	
Storage temperature	-40°C to 60°C (-22°F to 140°F)	
Temperature coefficient	0.1 x (specified accuracy) / °C (< 18°C or > 28°C)	
Operating altitude	2,000 m	
Storage altitude	10,000 m	
Relative humidity	95% to 30°C 75% to 40°C 45% to 50°C	
Battery type	9 Volt Alkaline, IEC 6F22	

Baery life	Alkaline: 300 hours typical, without backlight	
Size (H x W x L)	167.1 x 85.1 x 46.0 mm (6.58 x 3.35 x 1.81 in)	
Weight	13.0 oz (404 g)	
Safety	IEC 61010-1: Pollution Degree 2 IEC 61010-2-033: CAT IV 600V	
EMI regulations	Complies with FCC Part 15, Class B	
Specifications		
VCHEK	Input impedance (nominal)	~3 kΩ < 300 pF
VCHEK	Common mode rejection ratio (1 kΩ unbalanced)	> 60 dB at DC, 50 or 60 Hz
Ω	Open circuit test voltage	< 2.7 VDC
	Full scale voltage	< 0.7 VDC
Diode test	Open circuit test voltage	2.7 VDC
	Full scale voltage	2.000 VDC
Ω	Short circuit current	< 350 μA
Diode test	Short circuit current	< 1.0 mA

機型



Fluke 113

Fluke 113 電氣測量萬用電表

附件包括：

- 皮製護套
- 9 V 電池組（已安裝）
- 測試導線組
- 使用手冊

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