

# ELECTRICAL TEST TOOLS

## VOLTAGE ABSENCE TESTERS (VATs)

### MODEL CA 773

*An essential tool for electricians to ensure no voltage is present before working on any electrical installation connected to the network*

### SPECIFICATIONS

MODEL	CA 773
<b>ELECTRICAL</b>	
Display	LEDs + backlit digital display
Voltage Absence Testing (VAT)	12 V <sub>AC</sub> ≤ U ≤ 1000 V <sub>AC</sub> ; 12 V <sub>DC</sub> ≤ U ≤ 1400 V <sub>DC</sub>
Voltage	LEDs
	LEDs + backlit digital display
	(12 to 1000) V <sub>AC</sub> ; (12 to 1400) V <sub>DC</sub>
	(1.0 to 299.0) V <sub>AC/DC</sub> (300 to 1,000) V <sub>AC</sub> / 1,400 V <sub>DC</sub>
Frequency	DC, (16.67 to 800) Hz
Impedance	> 500 kΩ
Max. Peak Current	3.5 mA RMS
Polarity Indication	Yes
Redundant Hazardous Voltage Indication	The ELV (Extra-Low Voltage) LED indicates that the voltage is higher than the SELV (Safety Extra-Low Voltage) with rate at flashing proportional to the voltage level
Stray Voltage Detection	Yes (by low-impedance load switching)
GFI Tripping	Up to 30 mA
Phase/Neutral Identification	Above 50 V (45 to 65) Hz; Above 150 V (16.67 to 45) Hz
<b>CONTINUITY &amp; RESISTANCE</b>	
Buzzer Trigger Threshold	100 Ω typical (150 Ω max.)
Extended Continuity Test (Resistance)	0.5 Ω to 2999 kΩ
Test Current / Open-circuit Voltage	≤ 1 mA / ≤ 3.3 V
Phase Rotation	2-wire method with microprocessor
Ph/Ph Voltage	50 V ≤ U ≤ 1000 V <sub>AC</sub> (45 to 400) Hz
Buzzer	Intermittent beep for Voltage Detection Continuous beep for continuity
Electrical Safety	IEC 61243-3, EN 61243-3, IEC 61010 1000 V CAT IV
Operating Temperatures	(5 to 113) °F (-15 to 45) °C (Class N)
Power Supply	(2) AA batteries (included) or NiMH batteries
Environment	Storage: (-40 to 158) °F (-40 to 70) °C
Dimensions	(7.72 x 3.54 x 1.85) in (196 x 90 x 47) mm
Weight	1.25 lb (567 g)

### PRODUCT INCLUDES

Set of removable test probes Ø 2 mm with crystal safety cover, probe-tip protector, velcro strap, (2) 1.5 V AA batteries, and a multilingual user manual.



CA 773



### FEATURES

- Full autotest
- Voltage detection, LED display:  
12 V<sub>AC</sub> ≤ U ≤ 1000 V<sub>AC</sub>  
12 V<sub>DC</sub> ≤ U ≤ 1400 V<sub>DC</sub>
- Frequency: DC, (16.67 to 800) Hz
- Detection of stray voltages
- Unipolar phase detection (a single contact)
- Two-pole phase-sequence testing with 2-wire method = a third hand is not required
- Continuity test with audible and visual indication (R < 100 Ω)
- Extended continuity test with visual indication for:  
R < 0.5 Ω to 2.999 kΩ
- RCD trip test
- Complies with EN 61243-3 & IEC 61010 1000 V CAT IV
- Battery life > 2500 x 10 s measurements
- Removable lead and test probe
- Delivered complete and ready to use

CATALOG NO.	DESCRIPTION
2121.15	Voltage Tester Model CA 773 (LED & backlit display, VAT 12 V <sub>AC</sub> ≤ U ≤ 1000 V <sub>AC</sub> ; 12 V <sub>DC</sub> ≤ U ≤ 1400 V <sub>DC</sub> , Absence of Voltage)

