TECHNICAL DATA

Fluke PRV240 Proving Unit



Unique, compact, convenient

The Fluke PRV240 Proving Unit is a portable, pocket-sized, battery-powered voltage source. It is unique in that it sources stable ac and dc voltages for both LoZ and HiZ instruments.

Designed for safety and compliance

The Fluke PRV240 provides a safe method to verify that your electrical test tool is operating properly before you conduct any live tests. The concept of "Test Before Touch" (TBT) involves testing your meter against a known live source before and after the actual measurement. This sequence verifies that your test tool is operating properly during the actual measurement.

Verify your test tool without unnecessary exposure to shock and arc flash. Using the PRV240 reduces the need for personal protective equipment (PPE) when a known voltage source is not available for verification of your tester or multimeter before test before TBT are performed. PPE is still needed for absence of voltage testing when appropriate.

Key benefits

- Using the PRV240 reduces the risk of shock and arc flash by validating the functionality of test tools without placing yourself in a potentially hazardous electrical environment
- Sources both ac and dc steady-state voltage—supplies 240 V dc/ac
- A single LED indicates functionality, making this unit a simple-to-use solution for complying with TBT verification of your test tool
- Compatible with both high impedance or low impedance multimeters, clamp meters or two pole testers
- Voltage is sourced through recessed contacts that are activated when tested probes are inserted to avoid accidental contact
- Includes TPAK magnetic hanging strap
- Long battery life—5,000 tests per set of four AA batteries

REDUCES RISK
Reduces the risk of shock and arc flash risk hazard

BATTERY LIFE
5,000 tests per set of four AA batteries

SIMPLE TO USE
Single LED indicates functionality

SAFETY RATING
IEC61010-1, IEC61010-2-030

WARRANTY
One-year



Specifications

Output voltage	240 V ac rms or dc	± 10 % ≥ 1 MΩ
	LoZ >3 kΩ load	60 V ac typical 50 V ac rms minimum
LED power indicator	Turns on when output voltage is present	
Battery	4 AA Alkaline batteries NEDA	24 A IEC LR03
Battery life	5000 (5-second duration) test cycles with >1 MΩ load, 300 tests minimum with >3 kΩ load	
Operating temperature	-10 °C to +50 °C	
Operating humidity	0 % to 90 % (0 °C to 35 °C)	0 % to 70 % (35 °C to 55 °C)
Operating altitude	2000 m	
Dimensions	11.7 cm x 7.4 cm x 2.8 cm (4.6 in x 2.9 in x 1.1 in), Pollution Degree 2	
Weight	0.23 kg (8 oz) includes batteries	
Safety	IEC61010-1, IEC61010-2-030	
Warranty	One-year	
Electromagnetic Compatibility (EMC)	IEC 61326-1	Portable EM environment; CISPR 11, Group 1, Class A
	US (FCC)	47 CFR 15 subpart B, this product is considered an exempt device per clause 15.103
	Korea (KCC)	Class A Equipment (Industrial Broadcasting & Communication Equipment)
	This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.	

Ordering information

PRV240 Proving Unit

Included
TPAK hanging strap, four AA batteries, instruction sheet

Kits
FLK-3000FC/PRV240 3000FC DMM + PRV240 Proving Unit Kit
FLUKE-87V/PRV240 FLUKE-87V DMM + PRV240 Proving Unit Kit
FLUKE-117/PRV240 FLUKE-117 DMM + PRV240 Proving Unit Kit
FLUKE-376/PRV240 FLUKE-376 CLAMP + PRV240 Proving Unit Kit
FLUKE-T5-1K/PRV240 FLUKE-T5-1000 + PRV240 Proving Unit Kit
FLUKE-T150/PRV240 FLUKE-T150 + PRV240 Proving Unit Kit

Fluke. *Keeping your world up and running.®*

Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.
PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
In the U.S.A. (800) 443-5853 or
Fax (425) 446-5116
In Europe/M-East/Africa +31 (0) 40 2675 200 or
Fax +31 (0) 40 2675 222
In Canada (800)-36-FLUKE or
Fax (905) 890-6866
From other countries +1 (425) 446-5500 or
Fax +1 (425) 446-5116
Web access: http://www.fluke.com

©2015 Fluke Corporation.
Specifications subject to change without notice.
Printed in U.S.A. 4/2015 6005026b-en

Modification of this document is not permitted without written permission from Fluke Corporation.