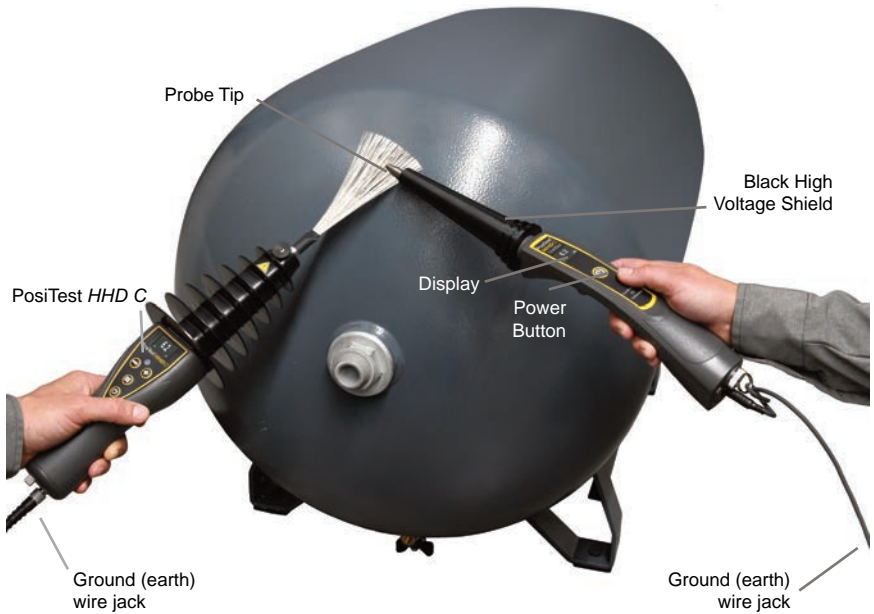


PosiTest® *HHD C* Verifier

Instruction Manual v. 1.0



Introduction

The **PosiTest *HHD C* Verifier** is a calibrated high voltage meter used to verify operating voltage of continuous type DC holiday detectors in the range from 500 to 30,000 Volts.

WARNING: ALWAYS ensure that the ground lead is plugged into the **PosiTest *HHD C* Verifier** and that the other end of the ground lead is connected to the ground lead of the high voltage holiday detector that is being verified. Failure to ensure proper grounding may result in electrical shock.

WARNING: DO NOT touch the TIP of the probe or the Black High Voltage Shield with bare hands while the probe is in contact with a high voltage source. Electrical shock could occur if operator touches the tip or shield with bare hands while in use.

WARNING: DO NOT use this equipment in damp, wet or rainy conditions. Electrical shock could occur if the operator uses this equipment in damp, wet or rainy conditions.


IMPORTANT: DO wear gloves and appropriate footwear

WARNING: DO NOT use this equipment with high voltage power sources other than high voltage holiday detectors. DO NOT connect the **PosiTest HHD C Verifier** to an AC power outlet.

Operating Instructions

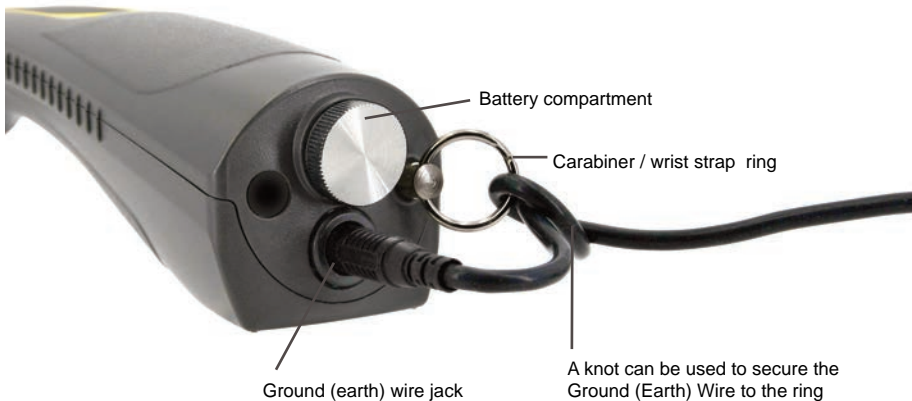
IMPORTANT: Before using the **PosiTest HHD C Verifier**, ensure that a proper ground is established between the holiday detector and the verifier.

Step 1. Before using the **PosiTest HHD C Verifier**, ensure that a proper ground is established between the holiday detector and the verifier. Ensure that the ground lead is plugged into the **PosiTest HHD C Verifier** and that the other end of the ground lead is connected to the ground lead of the high voltage holiday detector that is being verified.

Step 2. Turn the **PosiTest HHD C Verifier** on by pressing and releasing the power button . Once powered on, the verifier continuously monitors the voltage on the Probe Tip. The voltage displayed on the verifier should match the voltage displayed by the detector within the combined tolerance of both units.

- ◆ For Continuous DC holiday detectors such as the **PosiTest HHD C**, the verifier probe tip can be left connected to an exposed electrode with no concern. For best results, try to position the verifier probe perpendicular (90°) to the electrode on the holiday detector.

Securing the Ground Wire



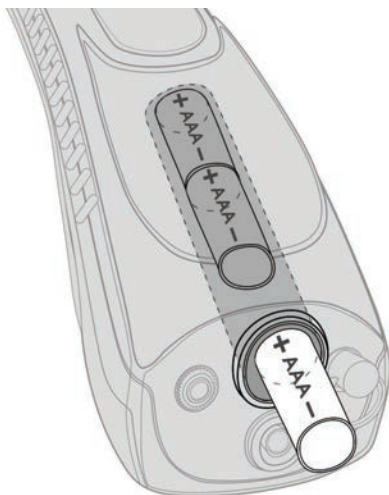
Accuracy, Calibration, and Adjustment

The **PosiTest HHD C Verifier** is accurate to $\pm 5\%$ of the voltage presented to the tip of the probe.

The **PosiTest HHD C Verifier** is shipped with a Certificate of Calibration showing traceability to a national standard. DeFelsko recommends customers establish calibration intervals based upon their own experience and work environment. A detector used frequently, roughly, or in harsh operating conditions may require a shorter certification interval than a gage used less frequently and handled with care. Based on our product knowledge, data and customer feedback, a one year certification interval from either the date of calibration, date of purchase, or date of receipt is a typical starting point.

Battery Replacement

Replace with 3 AAA alkaline batteries as shown.



Technical Data/Specifications

Continuous DC

Input Impedance: 600 Mohm

Range: 500–30,000 volts

Resolution: 500–1,000 volts in 10 volt increments
1,000–30,000 in 100 volt increments

Accuracy: $\pm 5\%$

Operating Temperature Range: -20° to 60° C (-4° to 140° F)

Battery: 3 AAA alkaline

Weight: 520 g (1.15 lbs.) with batteries and 1.8 m (6 ft) ground lead and clip

Dimensions: 43 x 5 x 5 cm (17" x 2" x 2")

Returning for Service

If you need to return the **PosiTest HHD C Verifier** for service, describe the problem fully and include reading results, if any. Be sure to include contact information including your company name, company contact, telephone number and fax number or email address. www.defelsko.com/support

Limited Warranty, Sole Remedy and Limited Liability

DeFelsko's sole warranty, remedy, and liability are the express limited warranty, remedy, and limited liability that are set forth on its website:

www.defelsko.com/terms

DeFelsko[®]
The Measure of Quality

© DeFelsko Corporation USA 2023. All Rights Reserved

This manual is copyrighted with all rights reserved and may not be reproduced or transmitted, in whole or part, by any means, without written permission from DeFelsko Corporation.

DeFelsko and PosiTest are trademarks of DeFelsko Corporation registered in the U.S. and in other countries. Other brand or product names are trademarks or registered trademarks of their respective holders.

Every effort has been made to ensure that the information in this manual is accurate. DeFelsko is not responsible for printing or clerical errors.