



# horizont 14494C Fence Tester Trapper 6 Light Instruction Manual

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 87159C – 09/22

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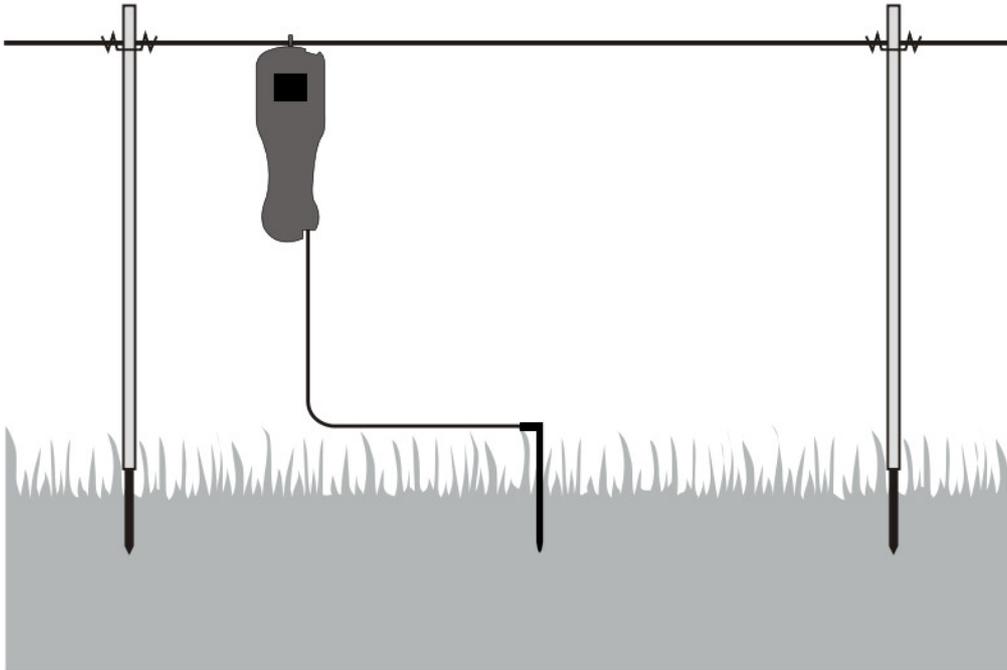
## Application Notes

With this fence tester, the fence voltage at any point of the fence system or also the output voltage directly at the energiser can be measured.

The tester is operated without a battery.

## Voltage measurement

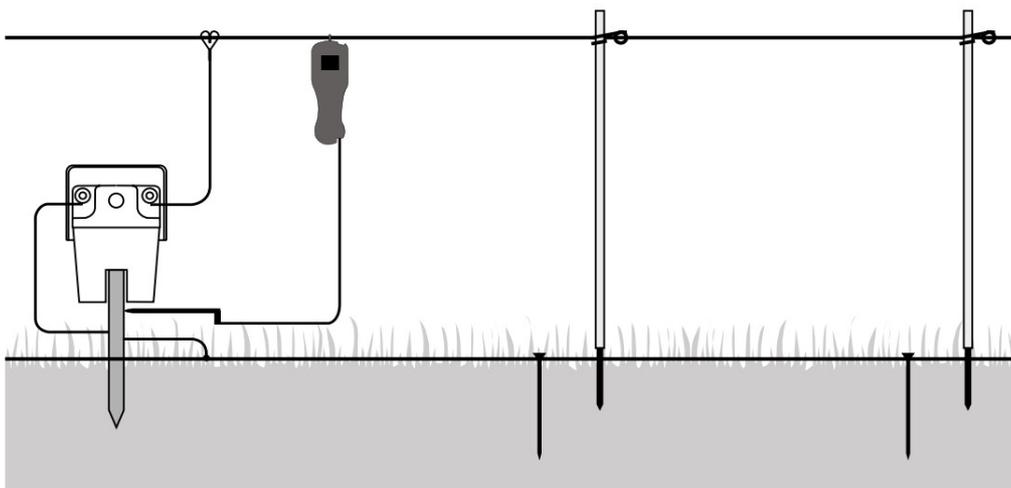
For measurement, the device is switched between earth (earth stake) and fence (contact eye). Voltage values  $> 2.000$  volts are to be rated as safe in accordance with VDE. The higher the voltage, the more secure your fence system works.



**Fig. 1**

## Leads / voltage at the ground stake

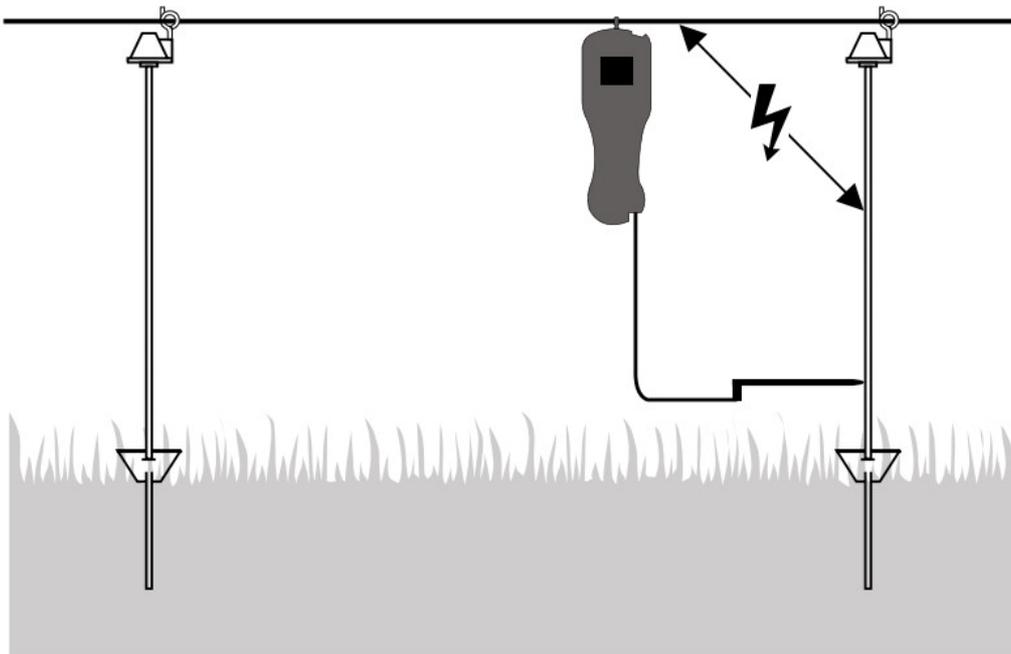
In the case of leads, reverse currents generate a voltage at the ground pole. If there are voltages at the ground pole, discharges are present at the fence and must be removed. The grounding should be improved by adding ground piles.



**Fig. 2**

## Faulty insulation

A defective insulation leads to current discharge over the iron pole. This can be determined with the help of the fence tester.



**Fig. 3**

Volt / Volts	voltage
> 10.000 – 6.000 V	very good
6.000 – 4.000 V	good
4.000 – 2.000 V	sufficient
Low kv	too low

Subject to technical modifications!

### EU Declaration of Conformity

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We

horizont group gmbh

Homberger Weg 4-6, D-34497 Korbach

declare under our sole responsibility that the products

#### Electric fencing units

Trademark : horizont

FENCE SCOUT II 14151/14151c

6-LEVEL TESTER 14494 / 14494c

WIRELESS TESTER 14495/ 14495c

DIGITAL VOLTMETER 14496 / 14496c

to which this declaration relates, is in conformity with the following European Directives :

**2001/98/EG/EC/CE** – (General Product Safety Directive)

**2014/30/EU/VE** – (EMC Directive)

**2011/66/EU/UV** – (Directive on the Restriction of Hazardous Substances in electronic equipment)

**2012/19/EU/VE** – (WEEE – Waste of Electrical and Electronic Equipment)

The products assessment concerning the “General product safety directive” is based on the following standards:  
EN 61326-1: 2013

The products assessment concerning Electromagnetic Compatibility (EMC Directive) is based on the following standards: EN 55011-1:2016

The products assessment concerning the “Waste of Electrical and Electronic Equipment” is based on the following standards: EN 50681:2012

Korbach, 16.04.2018  
Place and date of issue:

horizont group gmbh



Geschäftsführer, rechtsverbindliche Unterschrift:  
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## Documents / Resources

	<p><a href="#">horizont 14494C Fence Tester Trapper 6 Light</a> [pdf] Instruction Manual 14494C Fence Tester Trapper 6 Light, 14494C, Fence Tester Trapper 6 Light, Tester Trapper 6 Light, Trapper 6 Light, 6 Light, Light</p>
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Manuals+