

# HT5

## PEN VOLTAGE DETECTOR WITH TEST ON HIGH/LOW PRESSURE GAS LAMPS

HT5 is a practical portable instrument which performs quick tests on low pressure gas lamps and high pressure sodium vapor lamps simply touching the lamp's surface. Other available features are AC voltage detector, continuity test and diode test.

### FUNCTIONS

- Working test on neon and fluorescent lamps
- Working test on neon lamps with E27
- Working test on sodium vapour lamps
- Working test on halogen lamps
- AC voltage detector from 60 to 250V 50/60Hz
- Continuity test with buzzer
- Diode test
- LED and sound indications
- Built-in torch
- Safety: IEC/EN61010-1, CAT III 300V
- Power supply: 1x9V battery type IEC 6LR61
- Dimensions (LxWxH): 255x60x40mm
- Weight (including battery): 170g

### ACCESSORIES

#### Standard

Battery

User manual



[www.youtube.com/user/HTinstruments1](http://www.youtube.com/user/HTinstruments1)

**HT5**  
HA000138



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## 1. TECHNICAL SPECIFICATIONS

### AC VOLTAGE DETECTION TEST

Voltage range [V]	Frequency range [Hz]	Test current
60 ÷ 250	40 ÷ 60	<200mA

### LAMP TEST

Voltage with new battery	Field intensity (150-170kHz)	Indications
Approx 3kV / 160kHz	Approx 100µV/m	LED + acoustic signal

### CONTINUITY TEST

Measurement range	Test current	Indications
0 ÷ 5MΩ	<7µA	LED + acoustic signal

## 2. GENERAL SPECIFICATIONS

### Mechanical specifications

Dimensions (L x W x H):	255 x 60 x 40mm
Weight (included battery):	170g

### Power supply

Internal supply:	1x9V battery alkaline type IEC 6F22
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### Standards references

Safety:	IEC/EN61010-1
Insulation:	double insulation
Measurement category:	CAT II 300V
Max height of use:	2000m

### Environmental conditions

Reference temperature:	23°C ± 5°C
Working temperature:	0 ÷ 40°C
Working humidity:	<70%HR
Storage temperature:	-10 ÷ 50°C
Storage humidity:	<70%HR

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC