

# HANDHELD TRANSDUCER INDICATOR WITH EXCITATION FOR MILLIVOLT TRANSDUCERS

**HHP-SG**



HHP-SG, shown slightly smaller than actual size.

- ✓ **Handheld Indicator for Bridge-Type Transducers**
- ✓ **9 Volt Battery (Included)**
- ✓ **Scalable Display with Dummy Zero**
- ✓ **Built-In Transducer Excitation**

TRODEX's HHP-SG is a handheld digital indicator for strain-gage-type transducers such as load cells, torque sensors, and millivolt pressure sensors. It provides excitation voltage for the transducer and displays the readings on an LCD.

Front-panel zero and span adjustments allow scaling in the desired engineering units. The LCD has 3½ active digits (0 to 1999 counts) and an additional dummy zero if needed. The HHP-SG can display either the actual value of the signal (tracking mode) or the peak value (peak mode). It operates on a standard 9V battery and has a low-battery indicator.

## SPECIFICATIONS

**Transducer Excitation Voltage:**  
2.46 Vdc

**Minimum Transducer Resistance:**  
350 Ω

**Input Signal Sensitivity:** 0.5 to 4.0 mV/V for full scale indication peak

**Detector Bleed-Off:** Less than 0.01% per second

**Display Type:** 3½ digit LCD (plus dummy zero)

**Digit Height:** 10 mm (0.4")

**Conversion Rate:** 3 rdg per sec

**Power:** 9V battery (included); low-battery indicator

**Battery Life:** 15 hours minimum with 350 Ω bridge transducer

**Size:** 91 W x 171 H x 44 mm D (3.6 x 6.75 x 1.75")

**Weight:** 230 g (9 oz)

**Case Material:** Molded ABS impact-resistant plastic

**Connection Method:** 4 color-coded binding posts to accept spade lugs, banana plugs, bare wire or alligator clips

## To Order

MODEL NO	DESCRIPTION
HHP-SG	Handheld strain gage indicator

Comes complete with 9V battery and operator's manual.

**Ordering Example:** HHP-SG, handheld strain gage indicator, and TQ103, socket extension reaction torque sensor.