

HANDHELD TRANSDUCER INDICATOR WITH EXCITATION FOR MILLIVOLT TRANSDUCERS

HHP-SG



HHP-SG, shown slightly smaller than actual size.



HHP-SG shown with TQ103, socket extension reaction torque sensor, sold separately.



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

OMEGA'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.