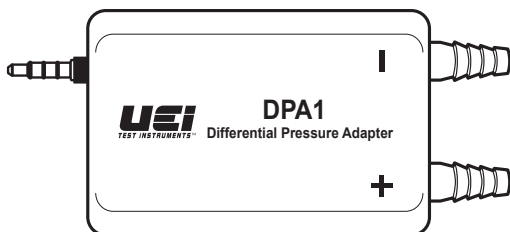


Digital Differential Pressure Adapter

INSTRUCTION MANUAL

ENGLISH



REQUIRES Compatible mobile device and the FREE downloadable App, "DualPressure"

FCC INFORMATION

NOTE: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

1.800.561.8187

www.**itm**.com

information@itm.com

WARNING ⚠ : Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

DISPOSAL



CAUTION: This symbol indicates that equipment and its accessories shall be subject to separate collection and correct disposal.

CLEANING

Periodically clean your adapters' case using a damp cloth. DO NOT use abrasive, flammable liquids, cleaning solvents, or strong detergents as they may damage the finish, impair safety, or affect the reliability of the structural components.

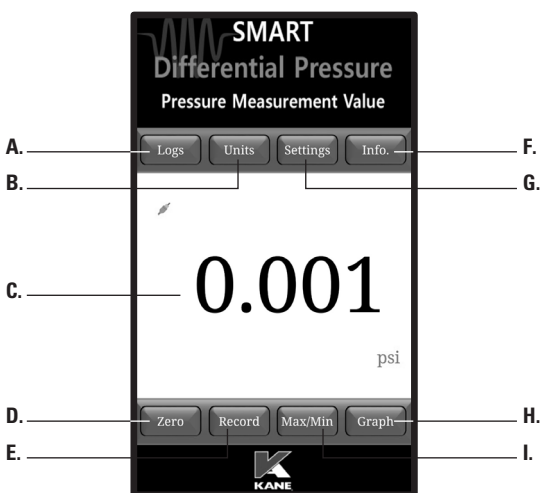
FEATURES

- Positive, negative and differential pressure
- Units: inH2O, mmH2O, psi, bar, mBar, kPa, InHg, mmHg
- Range: ± 40 InWC
- Free App: DualPressure
- iPhone® or Android™ compatibility
- Data hold
- Max/Min
- Zero button
- Data logging
- Data emailing
- Graph data
- Auto calibration

GENERAL SPECIFICATIONS

- Operating Temperature: 32° to 104°F (0° to 40°C)
- Storage Temperature: 14° to 122°F (-10° to 50°C)
- Dimensions: 4.43" X 1.98" X 1.19"
- Item Weight: 2.8 oz
- Battery Type: CR2450
- Range: ± 40 InWG
- Resolution: 0.01 InWG
- Accuracy: $\pm(0.5\% + 3 \text{ digits})$
- App Compatibility: iOS®; iPhone 4X and up running iOS7 and higher iPhone 7 (requires use of Lightning to 3.5mm headphone jack adapter)
Android™; Galaxy S4, Nexus 5, HTC One running Android 4.4 or higher

APP OVERVIEW



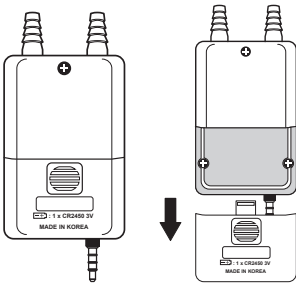
- A. Logs:** Press the LOGS button to view any logs (recorded measurements). Press an individual log view summary of the measurement. Press the SAMPLE button to view samples recorded. Press the Export button to Email/export results in either CSV value, Graph in PNG or Graph in JPG. Press mail to enter recipient email information.
- B. Units:** Press the UNITS button to select the desired unit for the test. Press the desired unit button to change units.
- C. Viewing Measurements:** Shows pressure readings from DPA1.
- D. Zero:** Press the Zero button to zero the reading on the screen.
- E. Record:** Press the RECORD button to start recording test results. Press RECORD again to end recording measurement test results
- F. Info:** Press the INFO button to view the app's information page.
- G. Settings:** Press the SETTINGS button to change settings: Refresh rate, Continuous Recording, MAX. Samples, Logging and Interval.
- H. Graph:** Press the GRAPH button to see a live graph of test readings.
- I. Max/Min:** Press Max/Min button to capture maximum and minimum levels of test.

1.800.561.8187

www.itm.com

information@itm.com

BATTERY REPLACEMENT



- Slide cover and remove battery cover.
- Replace the old battery with 1 new (CR2450) battery.
- Place the battery cover back on the DPA1.

NOTE: The DPA1 is powered by either the Smartphone battery, (when connected) or the adapter battery. The adapter compares the voltage value and will use power from the higher voltage source. This helps to maximize the battery's life.

STORAGE

Remove the batteries when instrument is not in use for a prolonged period of time. Do not expose to high temperatures or humidity. After a period of storage in extreme conditions exceeding the limits mentioned in the General Specifications section, allow the instrument to return to normal operating conditions before using it.

WARRANTY

The DPA1 is warranted to be free from defects in materials and workmanship for a period of one year from the date of purchase. If within the warranty period your instrument should become inoperative from such defects, the unit will be repaired or replaced at UEi's option. This warranty covers normal use and does not cover damage which occurs in shipment or failure which results from alteration, tampering, accident, misuse, abuse, neglect or improper maintenance. Batteries and consequential damage resulting from failed batteries are not covered by warranty.

Any implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the express warranty. UEi shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim or claims for such damage, expenses or economic loss.

Warranty only covers hardware and does not extend to software applications.

A purchase receipt or other proof of original purchase date will be required before warranty repairs will be rendered. Instruments out of warranty will be repaired (when repairable) for a service charge

1.800.561.8187

www.**itm**.com

information@itm.com