

# DIGITAL STOP WATCH

## Available Model PGE-DSTP2

Time is an essential parameter in a number of air pollution monitoring applications. Accuracy of timing and time measurement is of paramount importance in air pollution samplers where the measurements are dependent on sampled volume which in turn is computed from flow rate and duration of sampling.

- Salient Features**

  - ❖ Microprocessor based Design
  - ❖ Excellent accuracy and Resolution
  - ❖ Backlit Display
  - ❖ Logic output for synchronizing with external timer
  - ❖ Compact and lightweight



## Description

PGE-DSTP 2 is a compact microprocessor based instrument. It is designed to provide elapsed time accurate to 0.1 second and display with a resolution of 0.1 second. It derives its time base from an internal highly stable crystal oscillator. The user interface comprises a key pad and a LCD display module. The key pad comprises three keys named as START, STOP and RESET.

The stopwatch provides logic output for synchronizing an external logic controlled calibration timer. It also provides 20Hz signal for faster calibration.

It works on built-in Li-ion battery of 3.6 volts. The housing for the electronics comprises a sturdy and compact cabinet.

## Detailed Technical Specifications:

<b>Range</b>	0 to 999 minutes, 59.9 seconds
<b>Accuracy</b>	0.1 second
<b>Resolution</b>	0.1 second
<b>Display</b>	2 lines x 16 character alphanumeric LCD
<b>Key pad</b>	4 keys
<b>Key Functions</b>	START, STOP, RESET and ON/OFF
<b>Logic Output</b>	5 V TTL compatible
<b>Power</b>	3.6 Volts Li-ion Battery
<b>Charging Voltage &amp; Charger</b>	5 VDC Charger for 230 VAC mains
<b>Connections</b>	Mini-shell 3 pin
<b>Size</b>	210 L x 105 W x 35 mm D
<b>Weight</b>	400 grams

## Distributed and supported by

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