10.011 ELECTRONIC STOPWATCH

Approval Date: 20 May 1998

Reviewed on : 23 October 2007  Version: 1

Purpose

The electronic stopwatch will be used during discharge measurements with ‘rotating element’ current meters and during pumping tests. The revolution counter integration time and the time lapsed from the starting of pumping at specified intervals of time will be measured with the stopwatch.

Conditions & Requirements

- The instrument shall be compatible with the environment of operation.
- The instrument shall be adequate for the application and the mode of working.

Specifications

range stopwatch >59 minutes
range count down 59 minutes
resolution 0.1 s
accuracy 0.1 s over 1 hour
stopwatch modes lap time, split time
display LCD, good visibility in daylight
enclosure water resistant
power supply standard button cell(s)
battery lifetime >1 year
instrument life time >5 years of operation
temperature range 0 to 50 °C
robustness the instrument shall survive several drops on concrete
housing splash waterproof

Consumables

- batteries
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