

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

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

## Consumables

- batteries

**Approval Date: 20 May 1998****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**

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

**Consumables**

- batteries