Purpose

The pulse counter will be used during discharge measurements with ‘rotating element’ current meters. The revolution counter integration 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.
- Pulse counter shall have facilities for pre-set time and pre-set pulse measurements.

Specifications

- **digital counter**: electronic counter with LCD display
- **counting frequency**: ≥50 pulses per second, anti bounce input
- **counting range**: ≥999 pulses
- **counting resolution**: 1 pulse

  **pre-set time pulse counting**
  - **preset ranges**: ≥ 4 and infinite
  - **e.g. 30, 40, 60 and 100**

  **resolution of time measurement**: ≤ 0.1 s

  **preset number of pulses**: e.g. 10, 30, 60 and infinite

- **power supply**: standard dry cell(s), e.g. AA, C or D size
- **clock**: quartz clock
- **display**: good readability in daylight
- **operating temperature**: 0 to 60°C
- **humidity**: 95%
- **enclosure**: rigid, portable, splash proof

Consumables

- batteries for one year counter operation
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