Digital Earth Tester

EY200

- Capable to measure by 3-pole or 2-pole method
- Easy to measure with one touch button and dedicated test lead
- Small and lightweight
- Dust and drip proof (designed to IEC60529 IP54)

Standard Accessories below are provided with EY200:

- Earth Spikes
- 3-pole Test Lead
- Soft Case
- 2-pole Test Lead Set

Yokogawa Meters & Instruments Corporation
Specifications

- **Model Code**
  - Name Model: Digital Earth Tester EY200

- **EY200 General Specifications**
  - **Display**
    - LCD Digital Display: 1999-count digital reading
  - **Measuring Range**
    - Earth Resistance: 2000Ω
    - Earth Voltage: 200V
  - **Accuracy**
    - Earth Resistance: 20Ω range: ±2%rdg±0.1Ω
      - 200Ω range: ±2%rdg±3dgt
      - 2000Ω range: ±2%rdg±3dgt
      - ±1%rdg±6dgt
    - Earth Voltage: ±1%rdg±4dgt
  - **Measuring Frequency**: Approx. 820Hz
  - **Measuring Current**: Approx. 3mA (at 20Ω range)
  - **Battery Life**: Approx. 4.5 hours (at 5 second measuring 3300 times)
  - **Operating Temp. and Humidity**: 0~40˚C, 85% Rh or less
  - **Dimensions**: Approx. 105 × 158 × 70 mm
  - **Weight**: Approx. 550g
  - **Standard Accessories**
    - 3-pole Test Lead (Model 98074),
    - Earth Spikes (for EY200) (Model 98070),
    - 2-pole Test Lead Set (Model 98075),
    - Soft Case (Model 93041),
    - Shoulder Belt (for EY200) (Model 99018),
    - Six AA (R6) dry cells,
    - User’s manual

- **3-pole earth resistance measurement**
  - (precise measurement)
  - Connect the earth/ground electrode (E) and auxiliary spikes (P, C) to the main body using the accessory test lead. Put apart 5 to 10 m between E and P, and P and C, respectively. E, P, and C should be approximately in a line.

- **2-pole earth resistance measurement**
  - (simplified measurement)
  - A simplified 2-pole measuring method can be used if there is an almost perfectly earth/ground object such as a lead or iron water-pipe (plastic pipes cannot be used) or if there is an object with a known value of earth resistance, near the measurement site.

- **Other Earth Testers**
  - Model 3235 Earth Tester

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**External Dimensions**

- **Unit**: mm

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