TR-1 and TR-1P
For 1 phase
Turns Ratio measurements
Fully automatic. Battery operated.
Reverse polarity test. Continuity test.
Pass/fail function. Extremely rugged.
Built in printer in the TR-1P model. Can be charged by DC car adapter.

### Short Overview

- **TR-1** / **TR-1P**

#### Measurement Parameters

<table>
<thead>
<tr>
<th>Range</th>
<th>Accuracy in PT Mode (40 V)</th>
<th>Accuracy in CT Mode (1...5 V)</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8 ... 100</td>
<td>±0.08% Rdg ±1 LSD</td>
<td>±0.08% Rdg ±1 LSD</td>
<td>5 Digits</td>
</tr>
<tr>
<td>101 ... 4000</td>
<td>±0.08% Rdg ±1 LSD</td>
<td>±0.08% Rdg ±1 LSD</td>
<td>5 Digits</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Current</th>
<th>Accuracy</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-Mode 0...0.1 A</td>
<td>±1 mA</td>
<td>0.1 mA</td>
</tr>
<tr>
<td>CT-Mode 0...1 A</td>
<td>±1 mA</td>
<td>0.1 mA</td>
</tr>
</tbody>
</table>

#### Specifications

- **Model**
  - TR-1 and TR-1P (with printer)

- **Size (field case)**
  - L: 270 mm (10.62”)
  - W: 245 mm (9.68”)
  - H: 125 mm (4.87”)

- **Weight**
  - 3.2 kg (7 lbs.)

- **Interfaces**
  - Interface RS232 serial (with optional interface adapter)

- **Memory Storage**
  - Internally stores 50 test results

- **Panel Display**
  - LCD graphic with back light

- **Front Panel**
  - Sealed, Anodized

#### Accessories

- Single phase cable set 3 meters
- Instruction manual
- Toolbox software for data exchange and analysis (requires cable TRO 107)

#### Options

- TRO 101
  - 10 meters extension cable
- TRO 106
  - DC car adapter
- TRO 107
  - Serial interface with cable