Handheld Digital Tachometer

HT-5500
Wide measurement range from 6.0 r/min (low-speed rotation) to 99999 r/min (high-speed rotation)!!
The embodiment of pioneering technology

1. **Built-in memory function**
   - 20 data (MAX) can be saved to memory.

2. **Capable of both contact and non-contact measurement in one unit**
   - Line speed measurement is also enabled with the non-contact type.

3. **Both analog and pulse outputs provided as standard**
   - Used for recording the number of rotations and as rotation synchronization signals.

4. **Built-in peak hold function**
   - The maximum and minimum values can be displayed during measurement.

5. **Large LCD with backlight**
   - Easy-to-read, large LCD (with backlight)

6. **Can be mounted on a tripod**
   - The tachometer can be fixed to a tripod during measurement.

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**Specifications**

**Detecting method**
Optical reflective (non-contact measurement) / contact method (contact adapter supplied)

**Range of measurement**
- Contact method: 0.15 to 460.0 r/min
- Non-contact: 0.0 to 389.9 r/min

**Accuracy**
- Contact: ±0.05% F.S. + 1 count
- Non-contact: ±0.02% F.S.

**Measurement time**
- Approx. 0.6 s

**Measurement ranges**
- Non-contact method
  - 6 to 99999 r/min
  - 6 to 20000 r/min
- Contact method
  - 6 to 99999 r/min
  - 6 to 20000 r/min

**Power source**
Four AAA alkaline batteries or exclusive AC adapter (PB-7080 option)

**Battery life**
At least 100 k (when the battery voltage falls below 4.4 V)

**Temperature stability**
±0.0%/°C (when the ambient temperature is ±10°C to ±30°C)

**Linearity**
±0.05% F.S.

**Load resistance**
At least 100 kΩ

**Output**
- Voltage: ±5 V
- Current: ±0.1 mA

**Output logic**
Positive logic

**Accessories**
- Contact adapter (HT-0502)
- Contact tip for rotation measurement (KS-300)
- Contact method (contact adapter supplied)
- Four AAA alkaline batteries
- Carrying case

Note: Please refer to the User’s Manual for the operating procedures.
**Peripherals (sold separately)**

<table>
<thead>
<tr>
<th>For contact-type measurement</th>
<th>Circumferential ring (mm/s) KS-100</th>
<th>Circumferential ring (m/min) KS-200</th>
<th>AX-501 Signal output cable (2-m length) (used for both analog and pulse outputs) ø2.5 pin plug—CO2 (BNC plug)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact tip (for rotation measurement) KS-300</td>
<td>**</td>
<td>Extension shaft for KS-300 KS-700</td>
<td>HT-0521A Stand jig Used in combination</td>
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<tr>
<td>Reflective marks (10 sheets/pack) HT-011</td>
<td>The recurrent reflective sheet used provides superior reflectability.</td>
<td>HT-0522 Magnetic stand</td>
<td>LA-0203A Measurement tripod</td>
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<td>PB-7080 AC adapter (100 to 240 VAC)</td>
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<td>HT-0502 Contact adapter</td>
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</tbody>
</table>

*KS-200/KS-300/HT-0502 (1 pc. / each) are provided as standard accessories of HT-5500.*

**External diagram**

**HT-5500**

Unit: mm

**KS-300 (Contact tip)**

**HT-0502 (Contact adapter)**

(Not compatible with the earlier HT-0501 model)

**Mounting surface**

*Outer appearance and specifications are subject to change without prior notice.*

URL: [http://www.onosokki.co.jp/English/english.htm](http://www.onosokki.co.jp/English/english.htm)