

# 9300 Series

## Electronic Hand Held Tachometer



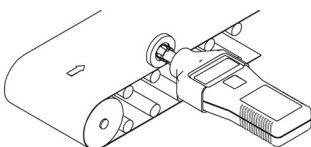
The Model 9300-HTK hand tachometer kit utilizes state of the art technology at an affordable cost. This easy to use tachometer (simply the measurement button to record speed) can be used for contact or non-contact measurement on rotating machinery or surface speed. The 9300-HTK can indicate RPM or rotational speed, length measurement, meters, yards, or feet per minute. The photoelectric probe is used with reflective tape to detect rotating objects. The accessory adaptor with pointed tip can be added for contact measurement or wheels can be used for surface speed measurement.

### Key Features

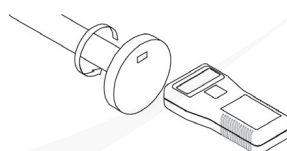
- Combination unit – photo and contact
- Laser sighting operating range up to 40.0" [1000mm]
- Auto ranging – fixed decimal
- Tripod mounting bushing
- Low battery indicator
- Max / min / avg
- 40 points of memory
- Carrying case included
- 9V battery
- Certificate of calibration
- Cone adapter
- Funnel adapter
- Contact adapter
- Master wheel 3.94" [100mm]
- Reflective tape 0.59" x 20.67" [15mm x 525mm]

### Applications

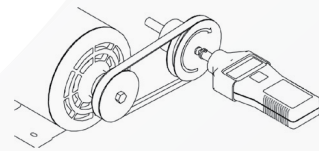
- Conveyor line speed



- Speed of rotating objects



- Check motor speeds



## Specifications

|                                     |   |
|-------------------------------------|---|
| <b>Rotation speed</b>               |   |
| <b>Non-contact:</b>                 | 6.0 to 99999 RPM (rev/min)  |
| <b>Contact:</b>                     | 6.0 to 25000 (rev/min)  |
| <b>Surface speed (contact):</b>     | 0.6 to 2500.0 M/M (m/min)<br>0.7 to 2734.0 Y/M (yard/min)<br>23.6 to 98425 I/M (inch/min)<br>2.0 to 8202.1 F/M (feet/min) |
| <b>Length (contact):</b>            | 0.1 to 9999.9 m (meter)<br>0.1 to 10936 YD (yard)<br>0.3 32808 FT (feet)  |
| <b>Accuracy:</b>                    | 6.0 to 5999.9 RPM: $\pm 0.01\%$ and $\pm 1$ digit<br>5999.9 to 99999 RPM: $\pm 0.05\%$ & $\pm 1$ digit                    |
| <b>Surface speed, length:</b>       | 0.5% and $\pm 1$ digit  |
| <b>Detection:</b>                   | Laser diode   |
| <b>Resolution</b>                   | 6.0 to 9999.9 RPM : 0.1 RPM<br>10000 to 99999 RPM : 1 RPM   |
| <b>Response time:</b>               | 1 second  |
| <b>Operating temperature:</b>       | 32°F to +122°F [+0°C to +50°C]  |
| <b>Auto power off:</b>              | Automatically after approx. 30 second   |
| <b>Battery type:</b>                | 9V (006P, IEC6F22, NEDA1604)  |
| <b>Dimensions:</b>                  | 5.79" H x 1.93" W x 1.14" D [147mm x 49mm x 29mm]   |
| <b>Weight:</b>                      | 3.4oz [95g] (without battery)   |
| <b>Contact adaptor:</b>             | 1.8oz [50g]   |
| <b>Total number of revolutions:</b> | 1 to 99999 REV (rev)  |
| <b>Measuring distance:</b>          | 40" [100 cm]  |
| <b>Warranty:</b>                    | 1 year  |
| <b>Agency approvals:</b>            | RoHS, CE Compliant  |

## Part Numbers

|                 |   |
|-----------------|---|
| <b>9300-HTK</b> | Hand Tachometer Kit: includes Hand Tachometer, 9V battery, instruction manual, certificate of calibration, cone adaptor, funnel adaptor, contact adapter, master wheel, reflective tape, and carrying case. |
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