



# TM-5210



## Contact or Laser, Accuracy You Can Trust

The TM-5210 is a precision dual-mode tachometer offering both contact and non-contact (laser/photo) measurement modes. With wide measurement ranges, high accuracy, and robust design, these instruments are ideal for maintenance, quality control, and diagnostics of rotating machinery.

### Key Features

- Dual measurement: contact & non-contact (laser/photo)
- Wide RPM range (up to 200,000 RPM)
- Accuracy:  $\pm(0.05\% + 1 \text{ digit})$
- Resolution: down to 0.001 RPM
- Large 5-digit LCD display
- Laser targeting for non-contact operation
- Memory storage for up to 40 readings
- Compact, rugged handheld design

### Application

- Motor and pump diagnostics
- Quality control in manufacturing
- Rotating machinery alignment
- Research laboratories
- Surface speed measurement of belts/rollers

[www.gpslimited.com/TM5210](http://www.gpslimited.com/TM5210)  
For all enquiries, Tel: +44 (0) 208 964 3600  
Email: [info@gpslimited.com](mailto:info@gpslimited.com)

## Technical Specifications

TM-5210 Digital Tachometer	
Contact Test Range	2–20,000 RPM
Non-Contact Range	2–200,000 RPM
Accuracy	±(0.05% + 1 digit)
Resolution	0.001 RPM to 1 RPM
Sampling Time	0.5 sec (>120 RPM)
Detection Distance	50–2500 mm

### Standards Compliance

- EMC EN 61326
- CE compliant

### Accessories

Reflective tape (non-contact)  
Cone RPM sensor tip  
Surface speed wheel  
Carrying case  
Instruction manual  
9 V battery

### Battery

9V

### Consumption

~45 mA

## General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
TM-5210	Digital Tachometer (Dual Mode)	915210

### Mass

160 g

### Dimension

160 x 60 x 42 mm

### Operating

0–50 °C, ≤ 85% RH non-condensing

### Services

1-year warranty (subject to product registration with GPS Ltd)  
Please contact for more information.

www.gpslimited.com/TM5210  
For all enquiries, Tel: +44 (0) 208 964 3600  
Email: info@gpslimited.com