



**DIGI-SENSE™**  
THE STANDARD IN PRECISION MEASUREMENT



**Precalibrated &  
Ready to Use!**



Switch from photo to contact mode by using the converter tip.

## Digital Contact/Photo Tachometer

**Eliminate costly repairs by ensuring equipment is operating well**

Get quick and accurate measurements on rpm and surface speeds for fans, motors, turbines, gears, conveyors, rollers, shafts and cams, spindles, and more. Ideal for predictive and preventive maintenance—reducing the expense of downtime and repairs!

### Features

- ◆ Reliable measurements, guaranteed! Precalibrated to NIST-traceable standards.\*
- ◆ Precision accuracy of  $\pm 0.05\%$  with microprocessor-based design
- ◆ User-selectable contact or photo configurations
- ◆ Quickly interpret results with easy-view max, min, and last value function
- ◆ Recall up to twenty last average measurements stored in memory
- ◆ Stay safe by measuring from a distance up to  $19\frac{1}{16}$ " (50 cm) in photo tachometer mode
- ◆ See readings even in poor light with large, backlit display
- ◆ Durable, lightweight ABS plastic housing for use in industrial environments

## Applications

- ◆ Determining speeds of rotating cams and spindles on pumps, motors, and fans
- ◆ Measuring rpm or linear speed of industrial conveyors, rotary feeders, and grinders
- ◆ Monitoring speed measurements of turbines and gear movement from a safe distance
- ◆ Measuring the rotational speed of shafts in motors or flywheels on machinery
- ◆ General and preventive maintenance tool for rollers and rotating parts on process equipment

## Includes

Contact converter, surface speed wheel, rpm contact adapter, large male rpm rubber cone, small male rpm rubber cone, female rpm rubber cone, reflective tape (23<sup>5</sup>/<sub>8</sub>", 60 cm), four set screws, carrying case, four AA batteries, and NIST-traceable certificate with data and uncertainties.

\*Calibration certificate provided by InnoCal®, an ISO17025 accredited laboratory (A2LA certificate 1746.01) offering a broad range of NIST-traceable calibration services.

For recalibration, call 866-466-6225 or e-mail [info@innocal.com](mailto:info@innocal.com). Their full complement of services can be viewed at [www.innocal.com](http://www.innocal.com).

## Specifications

Mode/Function	Contact	Photo
Range	0.5 to 19,999 rpm	2.5 to 99,999 rpm
Resolution	0.1 rpm from 0.5 to 999.9 rpm; 1 rpm over 1000 rpm	0.1 rpm from 0.5 to 999.9 rpm; 1 rpm over 1000 rpm
Accuracy	±(0.05% + 1 digit)	±(0.05% + 1 digit)
Surface speed	0.2 to 6561 ft/min; 0.05 to 1999.9 m/min	0.2 to 6561 ft/min; 0.05 to 1999.9 m/min
Sampling time	0.8 second (over 60 rpm)	0.8 second (over 60 rpm)
Range select	Auto-range	Auto-range
Time base	Quartz crystal	Quartz crystal
Detecting distance	—	50 to 500 mm

**Display:** 5-digit LCD with backlight

**Power:** four AA batteries

**Dimensions (L x W x H):** 8¼" x 2⅞" x 1½"  
(21 x 7.4 x 3.7 cm)



Catalog number	Description
WD-20250-26	Digital contact/photo tachometer



### USA

Cole-Parmer

Davis Instruments

For Calibration,  
InnoCal

INTERNATIONAL  
CUSTOMERS

### CANADA

UNITED KINGDOM

INDIA

