

On the work site, speed measurements need to be performed visually with the equipment in operation in order to diagnose equipment failure in real time. Fluke provides various speed test products to suit your needs.

Fluke tachometers include professional functions and test accessories and provide the best solution to your field test.

Tachometer

Fluke 930 Non-contact Tachometer Fluke 931 Contact and Non-contact Dual-purpose Tachometer

The Fluke 931 is a handheld tachometer, which integrates the contact and non-contact speed measurement functions and can accurately measure the revolutions per minute (RPM) or surface speed on rotating machinery. Where equipment needs quick troubleshooting to diagnose problems, the Fluke 930 or 931 is the right tool for the job. The Fluke 930 is equivalent to a Fluke 931 with the ability to measure via stroboscope in non-contact mode only, at the same accuracy and for a lower price. With the ability for contact measurement and non-contact combined, the Fluke 931 provides greater flexibility for the professional technician.

Features:

- 6-digit backlit display for easy data visualization
- Signal detection reminder minimizes false readings
- Maximum/Minimum/Average value and final readings
- Small size with rugged housing over mold to protect against drops
- Easy switching of the contact and non-contact measurement modes (Fluke 931 only)
- Different speed measuring heads to adapt to different measurement occasions (Fluke 931 only)
- 1-year warranty

Main technical parameters:

Fluke 930 and 931	
Rotation speed measurement	
Range	Optical (non-contact) measurement: 1 to 99999 revolutions/minute Contact measurement: 1 to 19999 revolutions/minute (Fluke 931 only)
Precision	±0.02 % RD+1
Sensing distance	(optical) 500 mm
Specifications	
Battery type	(2) 1.5V LR6 (alkaline) AA battery
Battery life	About 40 hours
Operating temperature	0 °C to 50 °C
Storage temperature	-20 °C to 70 °C
Weight	250 g
Dimensions	175 × 60 × 28 mm
Warranty period	1 year



Applications:

- Heavy manufacturing environments, e.g. automotive, textile, pulp and paper, metalwork
- Water purification plants
- Machining and chemical manufacturing plants
- HVAC compressors for industrial systems

Ordering information

Fluke 930 and 931

- 0.1 m wheel
- Conical speed measuring head
- Inner cone speed measuring head
- Lengthening rod
- 10 reflective stripes