

TACHOMETER ST-722 • ST-723

Non-Contact / Contact Handheld Tachometer

The revolutionary ST-72x series tachometer offers the accurate capabilities for measuring and recording the rotational, linear and surface speed. The non-contact concept is applied to both models in the series for hard-to-reach environment. Meanwhile, the easy-to-handle palm size designed for users who like to maneuver it with traditional method by contacting the object while the most accurate data is needed.



Model ST722 ST723

Features

- Non-Contact and Contact mode
- Laser Sighting
- Operating Range up to 40 inches/ 100 cm (Laser)
- Auto Ranging/Fixed Decimal
- Tripod Mounting Bushing
- Low Battery Indicator

Applications

- Gear Boxes
- Motors
- Compressors
- Couplings
- Shafts
- Pulleys
- Engines
- Pumps
- Centrifuges
- Fans
- Grinders

SPECIFICATIONS

Model	ST722	ST723
Range of Non-Contact	6.0 - 99999 RPM (rev/min)	6.0 - 99999 RPM (rev/min)
Range of Contact		6.0 - 25000 rpm (rev/min)
Range of Surface Speed		0.6 - 2500.0 M/M (m/min) 0.7 - 2734.0 Y/M (yard/min) 23.6 - 98425 I/M (inch/min) 2.0 - 8202.1 F/M (feet/min)
Range of Length		1 - 99999 REV (rev)
Accuracy of Revolution	6.0 - 5999.9 RPM : $\pm 0.01\%$ and ± 1 digit 5999.9 - 99999 RPM : $\pm 0.05\%$ and ± 1 digit	6.0 - 5999.9 RPM : $\pm 0.01\%$ and ± 1 digit 5999.9 - 99999 RPM : $\pm 0.05\%$ and ± 1 digit
Detection	Laser Diode	Laser Diode
Resolution	6.0 - 9999.9 RPM : 0.1RPM 10000 - 99999 RPM : 1RPM	6.0 - 9999.9 RPM : 0.1RPM 10000 - 99999 RPM : 1RPM
Response Time	1 second	1 second
Operating Temp.	0 to 50°C (32 to 212°F), 10 to 90%RH	0 to 50°C (32 to 212°F), 10 to 90%RH
Auto Power Off	Automatically after approx. 30s.	Automatically after approx. 30s.
Max /Min/Avg	Yes	Yes
Memory	40 Points	40 Points
Battery Type	9V (006P, IEC6F22, NEDA1604)	9V (006P, IEC6F22, NEDA1604)
Dimensions	147 x 49 x 29 mm (5.79" x 1.93" x 1.14")	147 x 49 x 29 mm (5.79" x 1.93" x 1.14")
Weight	95g Approx. (without battery)	95g Approx. (without battery) Contact adapter : 50g
Standard Accessories	9V Battery, Instruction manual, Certificate of calibration, Reflective tape 15 x 525 mm (0.59" x 20.67"), Carrying Case	9V Battery, Instruction manual, Certificate of calibration, Cone adapter, Funnel adapter, Contact adapter, Master Wheel (10 cm), Reflective tape 15 x 525 mm (0.59" x 20.67"), Carrying Case