

CONTACT/NON-CONTACT TACHOMETER CODE 9225-405



- 2 measuring methods, contact and non-contact
- Can measure rotary speed and line speed
- Automatically save the maximum value, minimum value and the last value, 500 data can be stored during continuous measurement
- Automatic power off



cone head
(included)



cone cavity
head (included)



reflection sticker
(included)



wheel with 0.1m
perimeter (included)



small cone head
(included)



clamping sleeve
(included)



34

SPECIFICATION

Measuring method		Non-contact	Contact
Measuring range	rotary speed	2.5~99999RPM	0.5~19999RPM
	line speed	—	0.05~500m/min
Resolution	rotary speed	0.1RPM (range 2.5~999.9RPM) 1RPM (range 1000~99999RPM)	0.1RPM (range 0.5~999.9RPM) 1RPM (range 1000~19999RPM)
	line speed	—	0.01m/min (range 0.05~99.99m/min) 0.1m/min (range 100~500m/min)
Accuracy	rotary speed	$\pm(0.05\%n+1d)$ RPM n is rotary speed, d is resolution	$\pm(0.4\%n+1d)$ RPM (n<300RPM) $\pm(0.05\%n+1d)$ RPM (n≥300RPM) n is rotary speed, d is resolution
	line speed	—	$\pm(1\%+1d)$ m/min d is resolution
Laser power		class 3R, 3mW~4mW	—
Sampling time		0.6s (above 100RPM)	
Measuring distance		50~500mm	—
Operation temperature		0~40°C	
Power supply		3×AA batteries	
Dimension		206×71×36mm	
Weight		170g	

STANDARD DELIVERY

Main unit	1 pc
Reflection sticker (9220-RS)	3 pcs
Wheel with 0.1m perimeter	1 pc
Clamping sleeve	1 pc
Cone head	1 pc
Small cone head	1 pc
Cone cavity head	1 pc
Battery (AA)	3 pcs

NON-CONTACT TACHOMETER CODE 9223-120



- Accurately measure the rotary speed without contact
- Automatically save the maximum value, minimum value and the last value, 500 data can be stored during continuous measurement

SPECIFICATION

Measuring range	2.5~99999RPM
Resolution	0.1RPM (range 2.5~999.9RPM) 1RPM (range 1000~99999RPM)
Accuracy	$\pm(0.05\%n+1d)$ RPM n is rotary speed, d is resolution
Laser power	class 3R, 3mW~4mW
Sampling time	0.6 second (above 100RPM)
Measuring distance	50~500mm
Operation temperature	0~40°C
Power supply	3×AA batteries
Dimension	180×71×29.9mm
Weight	145g



reflection sticker
(included)

STANDARD DELIVERY

Main unit	1 pc
Reflection sticker (9220-RS)	3 pcs
Battery (AA)	3 pcs



- Can measure rotary speed, line speed and line length
- Automatically save the maximum value, minimum value and the last value, 96 data can be stored during continuous measurement
- With backlight display

SPECIFICATION

Measuring range	rotary speed	0.5~19999RPM
	line speed	0.05~500m/min
	line length	0.05~99999m
Resolution	rotary speed	0.1RPM (range 0.5~999.9RPM) 1RPM (range 1000~19999RPM)
	line speed	0.01m/min (range 0.05~99.99m/min) 0.1m/min (range 100~500m/min)
	line length	0.02m
Accuracy	rotary speed	$\pm(0.4\%n+1d)$ RPM ($n<300$ RPM) $\pm(0.05\%n+1d)$ RPM ($n\geq 300$ RPM) n is rotary speed, d is resolution
	line speed	$\pm(1\%+1d)$ m/min d is resolution
	line length	$\pm(1\%+1d)$ m d is resolution
Sampling time	0.8s (above 60RPM)	
Operation temperature	0~40°C	
Power supply	3×AA batteries	
Dimension	171×71×35mm	
Weight	162g	

CONTACT TACHOMETER CODE 9224-213



cone cavity head (included)



clamping sleeve (included)



cone head (included)



small cone head (included)

STANDARD DELIVERY

Main unit	1 pc
Wheel with 0.1m perimeter	1 pc
Clamping sleeve	1 pc
Cone head	1 pc
Small cone head	1 pc
Cone cavity head	1 pc
Battery (AA)	3 pcs



wheel with 0.1m perimeter (included)



- Make cyclical motion (rotation, vibration, etc.) objects to appear slow-moving or stationary
- On-line inspection or observation for moving objects
- Measure the rotation or vibration speed and frequency
- Can be triggered from outside by moving objects, make LED flash frequency same as the rotation or vibration

SPECIFICATION

Flash frequency range	60~120000FPM (flash per minute), 1~2000Hz	
Resolution	FPM	0.1FPM (<100000FPM), 1FPM (≥ 100000 FPM)
	HZ	0.01Hz (<200Hz), 0.1Hz (≥ 200 Hz)
Setting accuracy	$\pm 0.01\%$	
Phase shift increment	3°	
Flash pulse duration time	0.1~2.5°	
LED light	3 pcs CREE 10W lamp	
LED life	3~5 years	
Trigger mode	internal and external	
Power supply	built-in rechargeable battery or AC/DC adapter	
Dimension	208×70×60mm	
Weight	380g	

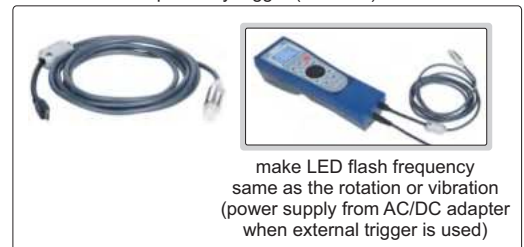
STANDARD DELIVERY

Main unit	1 pc
AC/DC adapter	1 pc
Proximity trigger	1 pc

DIGITAL LED TACHOMETER/STROBOSCOPE CODE ISQ-TS120K



proximity trigger (included)



make LED flash frequency same as the rotation or vibration (power supply from AC/DC adapter when external trigger is used)



BUILT-IN
BLUETOOTH

MINI LASER DISTANCE METER CODE 9565-E40



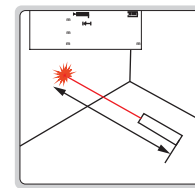
- Built-in bluetooth, transmission distance is 10 meters (no obstacles, no electromagnetic interference)
- Display with backlight
- Unit: m, ft, in, ft+in
- Distance, area, volume and height measurement
- Automatic power off: laser 30s, main unit 180s

SPECIFICATION

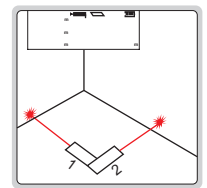
Measuring range	0.2~40m
Resolution	0.001m, 0.001ft, 1/16"
Accuracy	$\pm(3+D/20)$ mm, D: measured distance, unit: m
Laser type	red laser, 630~670nm, class II, <1mW
Charging interface	USB (type-C)
Dimension	180×28×40mm
Weight	53g

STANDARD DELIVERY

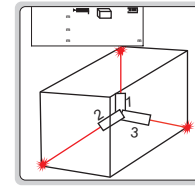
Main unit	1 pc
USB charging cable	1 pc



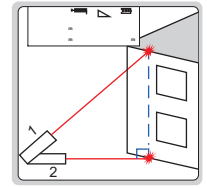
distance measurement



area measurement



volume measurement



height measurement

bluetooth connect to phone (APP)

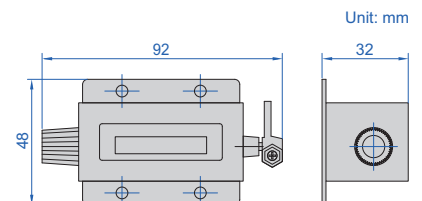


- Accumulate and record the number of mechanical movements
- Rotate back to zero



SPECIFICATION

Code	Number of digits	Range
7600-6	6	0-999999



WATERPROOF DIGITAL STOPWATCH CODE DSW-B024

WATERPROOF

- Single row display with backlight
- Count up to 23 hours 59 minutes and 59 seconds
- 2 recallable memory
- Time and calendar display with hour, minute, second, month, date and day



34

SPECIFICATION

Chronograph	range	0~23 hours 59 minutes and 59 seconds
	resolution	0.01s (<30mins) 1s (>30mins)
	accuracy	±1.5s (day error)
Clock	display	12/24 hour format
	function	alarm and hourly chime
Waterproof level		3bar (30meters)
Operation environment *		0°C~50°C
Power supply		CR2032 battery
Dimension		76×64×22mm
Weight		62g

* Underwater button operation is not supported

STANDARD DELIVERY

Main unit	1 pc
String	1 pc

DIGITAL STOPWATCH CODE DSW-A010



- Split time, total time and continuous time can be displayed
- 10 groups of results can be read out from memory after resetting
- Scroll back and forth to read out the memory digits
- The fastest, slowest and average time can be displayed
- Able to record the split times (00-199)



SPECIFICATION

Measuring range		0~9 hours, 59 minutes, 59.99 seconds
Resolution		0.01s
Accuracy		±0.5s
Function	memory	10 groups
	timer	up to 10 hours
	time	12-hour or 24-hour time display, alarm can be set
Power supply		LR44 battery
Screen dimension		33.6×13.6mm
Dimension		76×63×16mm (metal case)

STANDARD DELIVERY

Main unit	1 pc
String	1 pc