

DESCRIPTION:

YW-762 series of instruments are used to measure rotational speed, line speed and flicker frequency of light source, and can be used in industry, automobile, electronics, textile and paper making.

YW-762 series of instruments has three models: YW-762, YW-762F and YW-762J. The YW-762F is photoelectric non-contact measurement, the instrument does not need to contact the object to be tested; the YW-762J is contact measurement, there are four kinds of contact accessories can be replaced, as long as the appropriate accessories can be installed when measuring; YW-762 includes two measurement methods.

YW-762 series of instruments has the function of automatically saving the current measured value, maximum value and minimum value. The function can protect the data when the instrument is shut down because of too low power or accidental power failure.

YW-762 series of instruments have strong anti-interference ability, the measurement results are not subject to external electromagnetic interference. Besides, YW-762 series of instruments also supports backlight display, which can read clearly even in dark environment.

FEATURES:

- **Four contact accessories replaceable (YW-762/YW-762J)**
- **Multiple measurement modes**
- **Data memory function**
- **Numerical lock(HOLD)**
- **Display with backlight**
- **Automatic range**
- **Automatic shutdown**
- **Battery power remind**

APPLICATION:

- **Cars**
- **Ships**
- **Textiles**
- **Papermaking**
- **Motor**
- **Chemical fiber**



YW-762/YW-762J



YW-762F

NOTICES:

- Please operate the instrument correctly and use it in the environment limited by the technical parameter table.
- Avoid using or storing instruments in flammable and explosive environments.
- Avoid contact with corrosive chemicals.
- Photoelectric measurement is recommended when measuring high-speed rotating objects. Avoid injury caused by too fast rotating speed during contact measurement.
- Please set the appropriate contact line speed fitting diameter according to the usage scenario.
- When the instrument is not used for a long time, please take out the battery and place it properly.

WARNING:

- Self-disassemble is not allowed!
- No surge with heavy current/static electricity!

SPECIFICATION:

Model	YW-762	YW-762J	YW-762F
Measuring range	Photoelectric speed: 9.0~99999RPM Light source flicker frequency: 0.1~6000.0Hz Speed of contact: 1.0~19999RPM Line velocity: 0.10~1999.9m/min 0.4~6560ft/min	Speed of contact: 1.0~19999RPM Line velocity: 0.10~1999.9m/min 0.4~6560ft/min	Photoelectric speed: 9.0~99999RPM Light source flicker frequency: 0.1~6000.0Hz
Accuracy	Light source flicker frequency: ±(0.02% reading) Others: ±(0.05% reading+1)	Others: ±(0.05% reading+1)	Light source flicker frequency: ±(0.02% reading) Others: ±(0.05% reading+1)
Resolution	Photoelectric speed: 0.1RPM (9.0~999.9RPM) 1RPM (over 1000RPM) Light source flicker frequency: 0.1Hz Speed of contact: 0.1RPM (1.0~999.9RPM) 1RPM (over 1000RPM) Line velocity: 0.01m/min (0.10~99.99m/min) 0.1m/min (over 100m/min) 0.1ft/min (0.4~999.9ft/min) 1ft/min (over 1000ft/min)	Speed of contact: 0.1RPM (1.0~999.9RPM) 1RPM (over 1000RPM) Line velocity: 0.01m/min (0.10~99.99m/min) 0.1m/min (over 100m/min) 0.1ft/min (0.4~999.9ft/min) 1ft/min (over 1000ft/min)	Photoelectric speed: 0.1RPM (9.0~999.9RPM) 1RPM (over 1000RPM) Light source flicker frequency: 0.1Hz
Unit	RPM, Hz, m/min, ft/min	RPM, m/min, ft/min	RPM, Hz
Effective distance	50~500mm (non-contact measurements)	No	50~500mm
Range selection	Automatic range		
Display	Large LCD screen with backlight		
Contact accessories	Yes		No
Working temperature	0~50℃		
Storage temperature	-20~60℃		
Protection level	IP43		
Power supply	3 pcs of 1.5V AAA dry cell batteries /1.2V AAA rechargeable batteries		
Dimension	190*68*33mm	190*68*33mm	157*65*30mm
Material	ABS		
Weight (without batteries)	About 149g	About 149g	About 126g