

Management of impact tools.

Also, for managing manual torque wrenches.

Torque tester WIMS series

Supports measurement up to 600N·m.

Measurement sensitivity can be changed.



- The lineup of detectors has been expanded. Can measure up to higher torque.
- Measurement sensitivity can be changed. Tool inspection can be done in more detail.
- It is possible to judge the passing of torque and number of blows.

Main uses

- Daily management of impact tools
- Check the preset value of the torque wrench
- Confirmation of actual tightening torque of torque wrench for worker training

Features

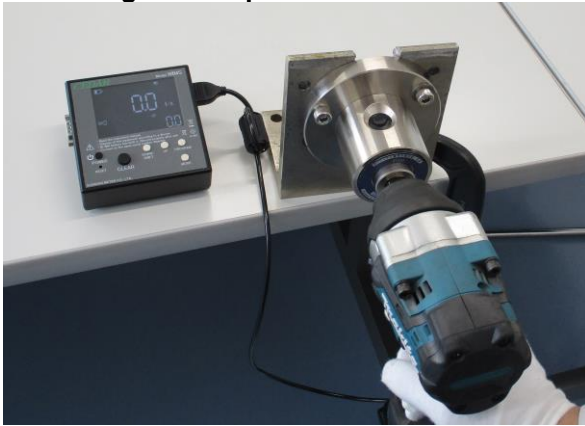
- Easy-to-understand color LCD.
- Various commands for external control.
- Measures the number of blows at the same time as the torque.
- Measurement sensitivity can be changed.
- Save up to 10 different setting values.
- Two types of communication ports (USB/RS232C).



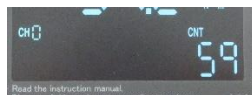
Measurement example (prepared with two measurement modes)

Peak hold mode

Measuring tool torque and number of blows



Number of blows

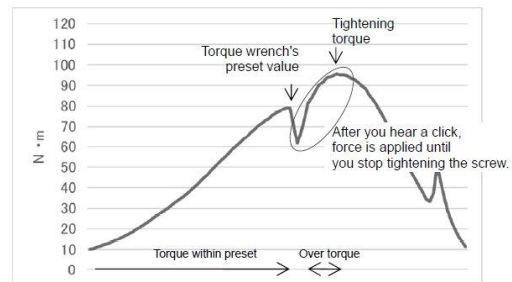
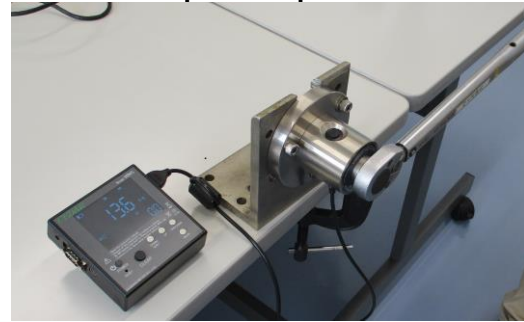


Measurement sensitivity settings



Peak down mode

Hold the first peak torque value



Interlocks with PC and PLC

Prepare various commands for external control.



Command list

Clear signal...Clears the held value. Data output.

Measurement mode...Set the measurement mode.

Measurement channel...Set the measurement channel.

Peak hold upper and lower limits...Set the upper and lower limits for torque value pass/fail judgment.

Upper and lower limits for the number of blows...Set the upper and lower limits for pass/fail judgment of the number of blows.

Blow timer...Set the time to measure the number of blows.

Measurement sensitivity setting... Set measurement sensitivity.

Peak down lower limit value...Set the torque to start peak down measurement.

Auto clear time...Change the time for automatic clear operation after measurement is completed.

Buzzer notification...Change the buzzer notification method.

Data transmission mode...Select data transmission from single or continuous

Specification

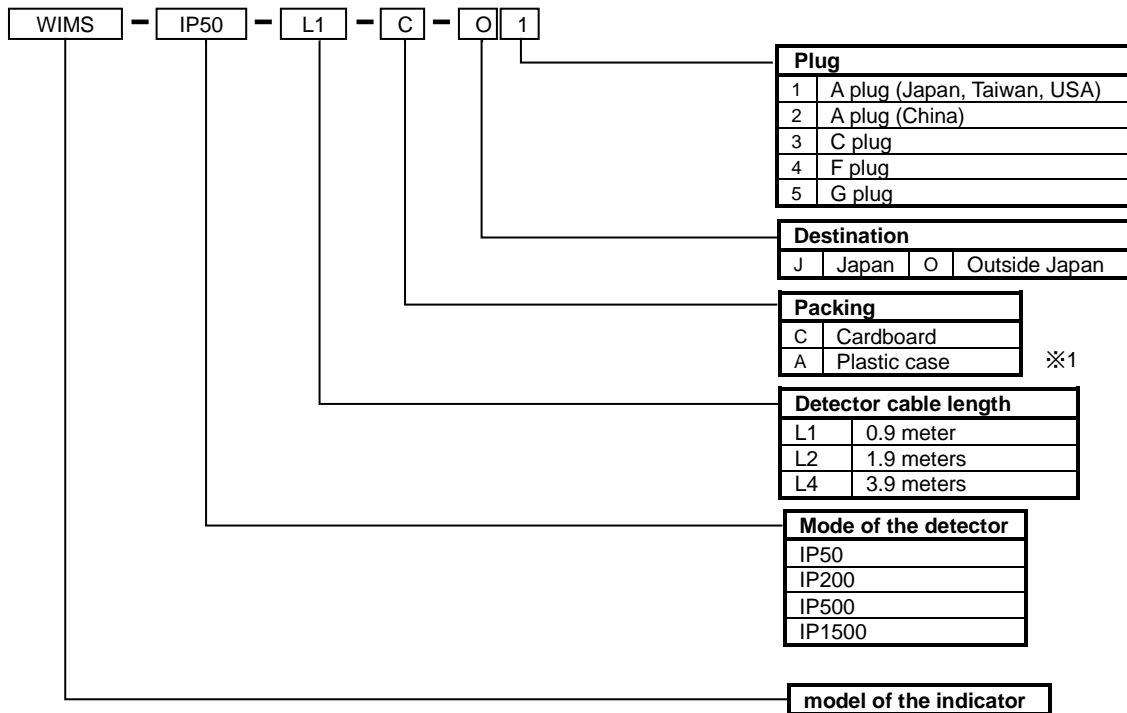
Model	WIMS-IP50	WIMS-IP200	WIMS-IP500	WIMS-IP1500
Measurement range Except impact tools	10.0 - 500.0 [kgf·cm] 8.8 - 442.6 [lbf·in] 1.00 - 50.00 [N·m] 100 - 5000 [cN·m]	100 - 2000 [kgf·cm] 88 - 1770 [lbf·in] 10.0 - 200.0 [N·m]	100 - 5000 [kgf·cm] 88 - 4426 [lbf·in] 10.0 - 500.0 [N·m]	10.0 - 150.0 [kgf·m] 73 - 1106 [lbf·ft] 100 - 1500 [N·m]
Impact tools	10.0 - 300.0 [kgf·cm] 8.8 - 265.5 [lbf·in] 1.00 - 30.00 [N·m] 100 - 3000 [cN·m]	100 - 1200 [kgf·cm] 88 - 1062 [lbf·in] 10.0 - 120.0 [N·m]	100 - 3000 [kgf·cm] 88 - 2655 [lbf·in] 10.0 - 300.0 [N·m]	10.0 - 60.0 [kgf·m] 73 - 442 [lbf·ft] 100 - 600 [N·m]
Accuracy	±0.5% (499digit or less±3digit)			
Sampling rate	1000 data / 1 second			
Data output	Serial communication (ASCII format)			
Measurement mode	Measurement mode		Data output	Contents
	Peak hold	PP	○	Measure the peak torque.
	Peak down	PD	○	Measure the first peak torque
	Track	TR	—	Be used to calibrate mainly.
If the measurement mode is TR, the data isn't outputted.				
Auto power off	Power off after 10 minutes of non-use			
Power	Internal battery (12 hours continuous operation time, 3 hours charging time)			
Accessory	Socket adapter FNA-3D	Conversion adapter NA34	Conversion adapter NA46	Conversion adapter NA48
	Handle CPH-P-TB8			
	Detector cable 10P-xMF *x refers to the length. AC adapter 6A-061WP12 Rubber foot B8-4 (4 pcs)			
Attached documents	Result of calibration, Certification on calibration, Traceability system figure *All described on one sheet			

Detector

Model	IP50	IP200	IP500	IP1500
Shapes				
A Detector shape	Φ50mm	Φ60mm	Φ80mm	Φ100mm
B Height	63mm	79mm	98.5mm	102.5mm
C Thickness	10mm	15.1mm	16mm	33mm
(D) Flange size	Φ90mm	Φ108mm	Φ140mm	Φ170mm
E Hole position	Φ74mm	Φ90mm	Φ116mm	Φ140mm
F Hole size	Φ6.3mm (Every 120°)	Φ8.3mm (Every 120°)	Φ10.5mm (Every 120°)	Φ13mm (Every 60°)
G Socket	9.5sq	12.7sq	19sq	25.4sq
Weight	About 0.6kg	About 1.8kg	About 3.4kg	About 7.8kg

Ordering number

The order number indicates the model of the indicator followed by the 'model of the detector', 'detector cable length', 'Packing', 'destination' and 'AC adapter plug'.



※1 If you select the detector IP200, IP500, or IP1500, the attache case (-A) cannot be selected.



About the AC adapter

The certification mark differs depending on the specified plug.

Plug	certification
A plug (Japan, Taiwan, USA) A plug (China) C plug	PSE、FCC、CCC、BSMI、CE
F plug G plug	PSE、CE、UKCA、KC

Packing

The specifications of the case are shown below.

Packing	-C	-A
Specifications	Cardboard	PP
Exterior		

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The contents of a catalog may change specification and a design without a preliminary announcement.