

To manage various torque tools

# WDIS series

Higher torque management in conjunction with personal computers and PLC

● Data output is standard as both USB and RS232C

● Various information can be displayed - Color display




● Versatile Series Lineup

※The indicator and the detector are one to one combination. Multiple detectors cannot be used on one indicator.



## Specification

series	WDIS-IP series						WDIS-RL series				WDIS-IPS series		
Main applications	Management of manual torque drivers, wrenches, etc.						Torque checking such as tightening and loosening of screws				Management of automatic / semi-automatic tools		
Model	WDIS-IP05	WDIS-IP5	WDIS-IP50	WDIS-IP200	WDIS-IP500	WDIS-IP1500	WDIS-RL005	WDIS-RL05	WDIS-RL6	WDIS-RL10	WDIS-IPS05C	WDIS-IPS5C	WDIS-IPS20C
Measurement range	2.0~500.0 [mN·m]	0.020~5.000 [N·m]	0.20~50.00 [N·m]	2.0~200.0 [N·m]	2.0~500.0 [N·m]	20~1500 [N·m]	0.20~50.00 [mN·m]	2.0~500.0 [mN·m]	0.020~6.000 [N·m]	0.20~10.000 [N·m]	2.0~500.0 [mN·m]	0.020~5.000 [N·m]	0.20~20.00 [mN·m]
Unit of measurement	kgf·cm/lbf·in/ mN·m	kgf·cm/lbf·in/N·m		kgf·cm/lbf·in/N·m		kgf·m lbf·ft / N·m	gf·cm/ozf·in/ mN·m	kgf·cm/lbf·in/ mN·m	kgf·cm/lbf·in/N·m		kgf·cm/lbf·in/ mN·m	kgf·cm/lbf·in/N·m	
accuracy	± 0.5% (499 digits or less ± 3 digits)						※a	± 0.5% (499 digits or less ± 3 digits)					
Sampling cycle	1000 data / 1 second												
Display cleared to zero	Clear display at the set time 0.1sec 0.5~3.0sec (every 0.5sec)												
Measurement direction	CW - CCW (right / left direction)												
Memory function	Up to 800 data memory												
A success or failure judging function	measurement range (however, pass / fail judgment is in Peak mode)												
Mode	Track, Peak (peak hold), Peak-Down (first peak hold), C (real time output)												
Maximum minimum Average display	Displays and confirms the maximum value, minimum value, average value, etc. of stored measured value data												
Power supply	Feed directly from AC adapter or 4 AA batteries												
Data output	RS 232 C and Mini B USB ASCII format (baud rate 19200)												
Detector													
	※ The display unit and detector are unique 1: 1 combination. It cannot be used with different serial number combination.												
Detector size mm	φ60 H41.2	φ60 H41.2	φ90 H63	φ110 H79	φ140 H99	φ170 H102.5	φ22 L126	φ22 L126	φ35 L118	φ35 L118	(φ44) H34.4	(φ49) H34	
Accessories (one piece each)	Detector, detector code, AC adapter, Result of calibration, Certification on calibration, Traceability system figure												
	—	—	—	—	—	T-knob	Plus bit # 0, # 1		Plus bits # 1, # 2 Bit holder One Way Bit Holder		Measurement joint OW-025	Measurement joint OW-10	Measurement joint OW-20
									—	Auxiliary bar	Screw cube H20 * W20 * D20		SC-3 (Tap of M4/ M5 / M6 / M8 / M10)

\* The code between the meter section and the detection section is 1 m standard. Prepare 2 m / 4 m as an option.

\*a The accuracy of a WDIS-RL005 is ± 2% or ± 0.3mN-m, and measurements are in 0.05 mN-m increments.

Please understand that the contents of this catalog are subject to change without notice due to improvement.



## CEDAR

### SUGISAKI METER CO.,LTD.

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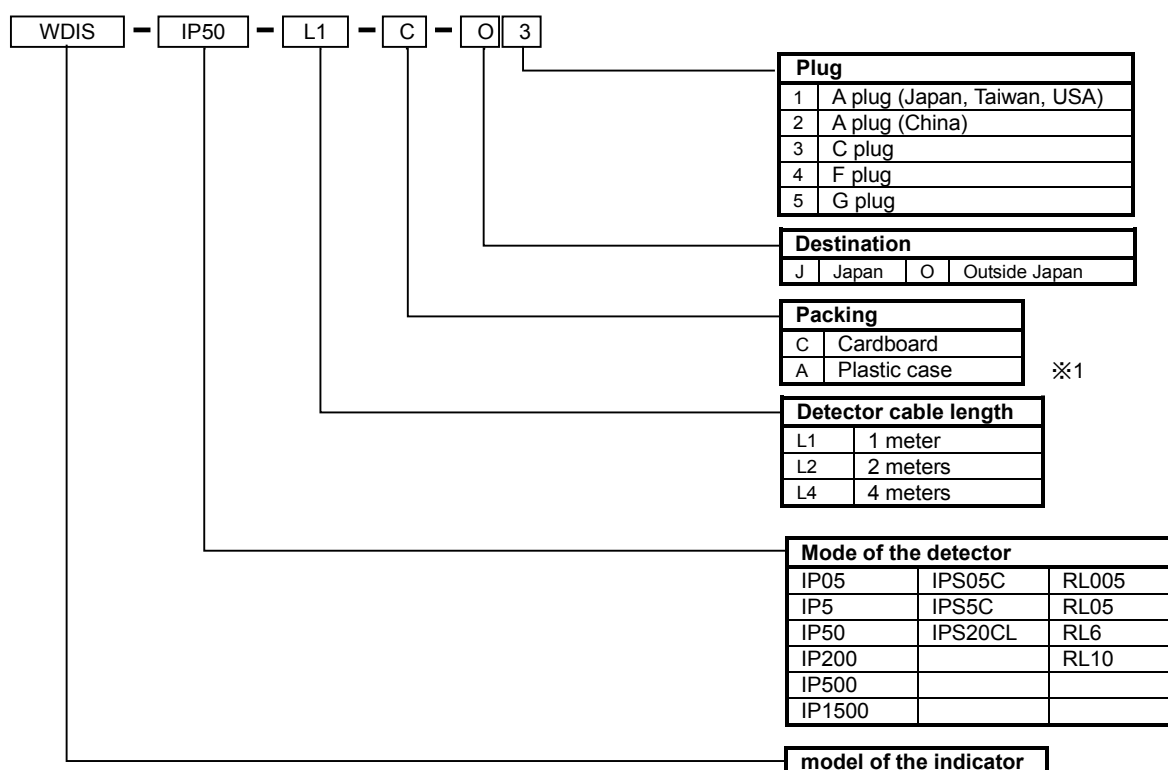
## WDIS series Notice of order number change

February 14, 2022

With the launch of the "WDISR series", the order number of the current model "WDIS series" will be changed. We apologize for the inconvenience, but thank you for your understanding.

### About your order number

After the series name, please specify "detector model", "cord length", "case", and "destination / plug shape".



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

### 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