

HDP / HP Series

High-performance torque meter series with wireless data transfer

In addition to the basic performance of high-precision torque measurement, measurement error check, high-visibility display, and mobile use with built-in battery, this high-performance torque meter series features a wireless data transfer function of measured torque data as standard.

- Featuring a measured torque data transfer function as standard. This system contributes to the realization of Document DX by eliminating the problem of connecting cables, reducing document storage space, making documents paperless, and promoting information sharing.
- The new series has an even better display. The continuity of the measured torque is displayed graphically. The high-precision measurement method has evolved into four modes. You can check detailed data focusing on "peak value," "first peak value," "waveform," and "continuous waveform." Also, torque changes can be visualized in a graph. The precise and accurate display has been further enhanced for better visibility.
- The measurement mode and settings can be changed from an external device. A new design with better operability in addition to improved functionalities.



HDP

It measures fastened screws with high accuracy, such as additional fastening and return torque, and visualizes measurement data related to fastening conditions with a variety of advanced tracking functions.

HDP-5

HDP-50

HDP-50X (Available on request)



SPECIFICATIONS

Model		HDP-5	HDP-50	HDP-50X
Interface		Standard: Bluetooth Option: RS-232C	Standard: Bluetooth Option: RS-232C	Standard: Bluetooth Option: RS-232C
Peak measuring range	N·m	0.015 - 0.500	0.15 - 5.00	0.15 - 10.00
	N·cm	1.5 - 50.0	15 - 500	15 - 1000
Accuracy		Within $\pm 0.5\%$ (F.S.)		
Measuring Mode		PEAK, F.PEAK*1, TR1, TR2		
External Dimensions (mm)	Display Unit	134×100×36(H)	134×100×36(H)	134×100×36(H)
	Detector	92(L)× $\varnothing$ 32	131(L)× $\varnothing$ 35	140(L)× $\varnothing$ 35
	Detector Bit Socket	H4	H5	1/4HEX
Weight (g)	Display Unit	495	495	495
	Detector	105	216	216
Battery Pack (Charging Time)		1000mA Ni-MH Battery built-in 3.6V (operating voltage: 3.3V) Maximum 300mA when the power is ON		
Continuous Operating Time on Full Charge		Permanent power connection		
Battery Life		About 500 charges		
Exclusive Battery Charger		Input: AC 100-240V (50/60Hz) Output: DC 5V 2A		

*1 The lower limit of the measurement range; HDP-5: 0.026N · m, HDP-50/HDP-50X: 0.26N · m

Standard Accessories

Model	HDP-5	HDP-5X	HDP-50	HDP-50X
Bit Drive	H4	1/4HEX	H5	1/4HEX
Bit (1 pc each)	+ #0×40mm + #1×40mm	+ #1×50mm + #2×50mm	+ #1×60mm + #2×60mm	+ #1×50mm + #2×50mm
Auxiliary Arm	—	—	1 pc	1 pc
Others	● AC Adapter ● Detector Cord 2m ● Inspection Certificate, Calibration Sheet etc.			