

HDP Series

World-class measuring devices that support a wide range of torque

- Up to 100 data items can be stored in the memory and controlled. The measurement data can also be imported into your PC for management.
- With one unit of torque meter, the max, min and average torque values can be checked.
- We promptly respond to your request for calibration and maintenance services. "Inspection Report, Traceability Chart, and Calibration Certificate" is attached to all the torque meters.

HDP

Ideal for measuring the torques of loose screws and additional fastening

HDP-5



HDP-50



HDP-100 (Available on request)



SPECIFICATIONS

Model		HDP-5	HDP-50	HDP-100
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.)	Within $\pm 0.5\%$ (F.S.)	Within $\pm 0.5\%$ (F.S.)
Measuring Mode		Track, Peak, First Peak	Track, Peak, First Peak	Track, Peak, First Peak
External Dimensions (mm)	Display Unit	125×95.6×42 (H)	125×95.6×42 (H)	125×95.6×42 (H)
	Detector	104 (L)× \varnothing 21	160 (L)× \varnothing 34.5	160 (L)× \varnothing 34.5
	Detector Bit Socket	H4	H5	1/4HEX
Weight (g)	Display Unit	780	780	780
	Detector	68	250	250
Detector Cord		1.7m (P/N: DPC-0506)	1.7m (P/N: DPC-0506)	1.7m (P/N: DPC-0506)
Battery Pack (charging time)		1.2V NiMH x 5 cells 1,000mA (within 6 hours)	1.2V NiMH x 5 cells 1,000mA (within 6 hours)	1.2V NiMH x 5 cells 1,000mA (within 6 hours)
Continuous Operating Time on Full Charge		8 hours	8 hours	8 hours
Battery Life		About 300 charges	About 300 charges	About 300 charges
Exclusive Battery Charger		Input: AC 100-240V (50/60Hz) Output: DC 7.3-8V 0.5A	Input: AC 100-240V (50/60Hz) Output: DC 7.3-8V 0.5A	Input: AC 100-240V (50/60Hz) Output: DC 7.3-8V 0.5A

Standard Accessories

Model	HDP-5	HDP-50	HDP-100	HDP-5	HDP-50	HDP-100
Shank	H4	H5	1/4HEX	1/4HEX		
Bit (1 pc each)	HIOS Shank (H4) + #0×40mm + #1×40mm + #2×40mm	HIOS Shank (H5) + #0×60mm + #1×60mm + #2×60mm	HEX Shank (1/4HEX) + #1×50mm + #2×50mm	HEX Shank (1/4HEX) + #1×50mm + #2×50mm		
	—	1 pc	1 pc	—	1 pc	
Others	●Exclusive battery charger* 1 pc Part code: TCH-MULTI ●Detector cord 1.7m 1 pc Part code: DPC-0506 ●Inspection Report 1 copy * For a battery charger to be used outside Japan, see the list on P. 67, because an applicable battery charger varies depending on the country.					

About Data Output

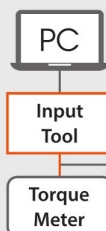
When you import the data into your PC, please use the input tool by Mitutoyo. Since the cord for connection is not included, please purchase it separately.

For the configuration, please inquire to the HIOS distributor.

An analog output cord is optional.

● Cord exclusively used for analog output: 1.5m (optional) P/N: HP-8060
Analog units connectable to Torque Meter: Pen Recorder, Visilite Recorder, Oscilloscope, Voltmeter, etc.

*Before use, please read the instruction manual attached to each device carefully for proper operations.



USB Input tool

USB keyboard signal conversion type by Mitutoyo Corporation
P/N: IT016U

Input tool cannot be used with some PCs. For details, please contact Mitutoyo Corporation or its distributor.

Connection cable <commercially available (special order)>

5-pin 2m

P/N: 06AGF590*

* Please contact Mitutoyo Corporation for purchase. When contacting the manufacturer, please inform that it is a special order product.