

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)



Related Products (Torque Meters)

HDP / HP Series

SPECIFICATIONS

Model	HDP-5	HDP-50	HDP-100
Peak Measuring Range	N·m 0.015 - 0.500	N·cm 1.5 - 50.0	N·m 0.15 - 5.00
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) Detector 104 (L)×ø21 Detector Bit Socket H4	125×95.6×42 (H)	125×95.6×42 (H) 160 (L)×ø34.5 H5 1/4HEX
Weight (g)	Display Unit 780 Detector 68	780	780
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	
Auxiliary Arm	—	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

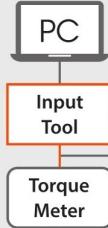
When you import the data into your PC, please use the input tool by Mitutoyo. Since the cord for connection is not included, please purchase it separately.

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.