

Torque Meter

HP/HDP HM/HIT Series

HIOS Torque Meters are the industry benchmark.

- Measured data can be imported to a computer.
- Up to 100 data items can be stored in the memory and controlled (applicable to HP and HDP only).
- With one unit of Torque Meter, max, min and ave torque values can be measured (applicable to HP and HDP only).
- New product, HP-1 is ideal for measuring 10N·cm or smaller torque.
- Torque for both clockwise or counterclockwise can be measured.
- As a standard specification, data output and analogue output are available.
- We offer calibration and maintenance services.
- "Inspection Report" is attached to all the Torque Meters.

HP

HP-1*
HP-10
HP-100



* Available on request.

Use for making torque settings on electric screwdrivers, checking torque of torque wrenches or measuring torque of various rotating units, etc.



New product

HP-1

Model		HP-1	HP-10	HP-100
Peak measuring range	N·m		0.015 - 1.000	0.15 - 10.00
	N·mm	1.5 - 100.0		
	lbf·in	0.015 - 0.00	0.15 - 9.00	1.5 - 90.0
	(kgf·cm)		(0.15 - 10.00)	(1.5 - 100.0)
Accuracy		Within ±0.5% (F.S.)		
Measuring modes		TRACK, PEAK, FIRST PEAK		
External dimensions (mm)		230 × 124 × 65.2 (H)		
Weight (kg)		1.8kg		
Battery pack (charging time)		1.2V NiMH x 5 cells 1,000mA (within 6 hours)		
Continuous operating time on a full charge		8 hours		
Battery life		About 300 charges		
Exclusive battery charger		Input: AC 100-240V (50 / 60Hz) Output: DC 7.3-8V 0.5 A		

HDP

HDP-5
HDP-50
HDP-100*



* Available on request.

Use for measuring loosened torque of tightened screws or additional tightening torque.



Model		HDP-5	HDP-50	HDP-100
Peak measuring range	N·m	0.015 - 0.500	0.15 - 5.00	0.15 - 10.00
	lbf·in	0.15 - 4.40	1.5 - 44.0	1.5 - 90.0
	(kgf·cm)	(0.15 - 5.00)	(1.5 - 50.0)	(1.5 - 100.0)
Accuracy		Within ±0.5% (F.S.)		
Measuring modes		TRACK, PEAK, FIRST PEAK		
External dimensions (mm)	Display unit	125 × 95.6 × 42 (H)		
	Detector	104(L) × Ø21	160(L) × Ø34.5	
	Detector bit socket	H4 or 1/4HEX	H5 or 1/4HEX	1/4HEX
Weight (kg)	Torque display	0.78kg		
	Detector	0.068kg		0.25kg
Detector cord		1.7m (P/N: DPC-0506)		
Battery pack (charging time)		1.2V NiMH x 5 cells 1,000mA (within 6 hours)		
Continuous operating time on a full charge		8 hours		
Battery life		About 300 charges		
Exclusive battery charger		Input: AC 100-240V (50 / 60Hz) Output: DC 7.3-8V 0.5 A		

HM

HM-10
HM-100



Use for torque control of screwdrivers for automatic assembly machines



Model		HM-10	HM-100
Peak measuring range	N·m	0.015 - 1.000	0.15 - 10.00
	lbf·in	0.15 - 9.0	1.5 - 90.0
	(kgf·cm)	(0.15 - 10.0)	(1.5 - 100.0)
Accuracy		Within ±0.5% (F.S.)	
Measuring modes		TRACK and PEAK	
External dimensions (mm)	Torque display	165 × 95 × 55 (H)	
	Detector	119 × 45 × 33 (H)	
Weight (kg)	Torque display	1kg	
	Detector	0.35kg	
Detector cord		1.7m (P/N: DPC-0506)	
Battery pack (charging time)		1.2V NiMH x 5 cells (within 8 hours)	
Continuous operating time on a full charge		30 hours	
Battery life		About 300 charges	
Exclusive battery charger		Input: AC 100V, 120V, 220-240V Output: DC 7.2V 120mA	

HIT

HIT-200
HIT-500
HIT-2000



HIT Series is available on request.

Use for control of impact drivers and torque wrenches



Model		HIT-200	HIT-500	HIT-2000
Peak measuring range	N·m	0.15 - 18.00	1.5 - 50.0	25.0 - 180.0
	lbf·in	1.5 - 160.0	15 - 440	250 - 1600
	(kgf·cm)	(1.5 - 180.0)	(15 - 500)	(250 - 1800)
Accuracy		Within ±0.5% (F.S.)		
Measuring modes		TRACK, PEAK, FIRST PEAK		
External dimensions of torque display (mm)		165 × 95 × 55 (H)		
Weight (kg)	Torque display	1kg		
	Detector	0.85kg	1.65kg	
Socket mating diameter		9.5 square	12.7 square	
Detector cord		1.7m (P/N: DPC-0506)		
Battery pack (charging time)		1.2V NiMH x 5 cells (within 8 hours)		
Continuous operating time on a full charge		30 hours		
Battery life		About 300 charges		
Exclusive battery charger		Input: AC 100V, 120V, 220-240V Output: DC 7.2V 120mA		