

# HP Series

## HP

This series covers a various usages including torque settings on electric screwdrivers, torque control of other tools, etc.

### HP-1 (Available on request)



### HP-10



### HP-100







## SPECIFICATIONS




Model		HP-1*	HP-10	HP-100
Peak measuring range	N-m	—	0.015 - 1.000	0.15 - 10.00
	N-cm	0.15 - 10.00	1.5 - 100.0	15 - 1000
	N-mm	1.5 - 100.0	—	—
Accuracy		Within ±0.5% (F.S.)	Within ±0.5% (F.S.)	Within ±0.5% (F.S.)
Measuring Mode		Track, Peak, First Peak	Track, Peak, First Peak	Track, Peak, First Peak
External Dimensions (mm)		230×124×65.2 (H)	230×124×65.2 (H)	230×124×65.2 (H)
Weight (kg)		1.8	1.8	1.8
Battery Pack (Charging Time)		6V NiMH 1,000mA (within 6 hours)	6V NiMH 1,000mA (within 6 hours)	6V NiMH 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

\* Please ask HIOS distributor for fidaptor.

## Standard Accessories

Model	HP-1	HP-10	HP-100		HP-100X	HP-100X
Fidaptor with Safety Cover	—	P/N: TF4G-Z (yellow) 1 pc	P/N: TF5G-Z (black) 1 pc		P/N: TF6SG-Z (yellow) 1 pc	P/N: TF6XG-Z (black) 1 pc
Shaft with Screw	—	—	P/N: TF5G-0010-4 1 pc  HIOS Shank H4	P/N: TF6XG-0010 1 pc  HEX Shank (2-step shaft) Upper: 5HEX Lower: 1/4HEXmm	—	—
Buffer Spring	—	—	P/N: CL65-0040 (yellow) 1 pc Measuring range: 0.15 - 0.6N·m 	—	—	P/N: CL65-0040 (yellow) 1 pc Measuring range: 0.15 - 0.6N·m 
Others	● Exclusive battery charger* 1 pc Part code: TCH-MULTI ● Grease (only for HP-100) Part code: TF-G3 1 pc ● 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.					

## List of Applicable Fidaptors

Model	HP-10				HP-100			
Category	Standard Accessories	Optional Accessories			Standard Accessories	Optional Accessories		
P/N	TF4G-Z	TF6SG-Z	TF4SG-Z	TF4S-Z	TF5G-Z	TF6XG-Z	TF6U-Z*1	TF6UP-Z*2
Measuring Range (N·m)	0.15 - 0.6	0.15 - 0.6	0.25 or smaller	0.25 or smaller	0.5 - 3	0.5 - 3	3 - 9	3 - 9
				Without safety cover 			Without safety cover 15mm 	Without safety cover 35mm 
Bit Drive	HIOS Shank H4	HEX Shank (2-step shaft) Upper: 5HEX, Lower: 1/4HEX	HIOS Shank H4	HIOS Shank H4	HIOS Shank H5	HEX Shank (2-step shaft) Upper: 5HEX, Lower: 1/4HEX	HEX Shank 1/4HEX	HEX Shank 1/4HEX

\*1 For measuring hi-torque screwdriver (Lever Start) \*2 For CL-9000