HIOS®

innovative technology
for Turning The World

HP-10



Feature

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

- 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 specificataon, data output and analogue output are available.
- We offer calibration and maintenance services.
- “Inspection Report” is attached to all the Torque Meters.

HP-10

Specification

Download

Operation Manual (pdf)

Peak mesuring range	N・m	0.015-1
	kgf・cm	0.15-10
	lbf・in	0.15-9
Accuracy		Within ±0.5% (F.S.)
Measuring models		TRACK, PEAK, FIRST PEAK
External Dimensions(mm)		230 ×124 ×65.2 (H)
Weight(g)		1.8kg
Charging time		1.2V NiMH x 5 cells 1,000mA (within 6 hours)
Continuous operating time ona full charge		
Battery life		
Exclusive battery charger		

8 hours
About 300 charges
Input：AC 100-240V （50 / 60Hz） Output：DC 7.3-8V 0.5 A

HP-10

Standard Accessories

Drive size	H4	1/4HEX or 5HEX
Fidaptor with safety cover （1pc）	 P/N：TF4G-Z （Yellow）	 P/N：TF6SG-Z （Yellow）
Shaft with screw	-	-
Buffer spring	-	-
Others	 Exclusive battery charger 1pc P/N：TCH-MULTI ※Overseas charger plug is different in kind depeding on country	
	Inspection report 1 copy	

HP-10

Fidaptor List

Classification	Standard accessories	Options		
P/N	TF4G-Z	TF6SG-Z	TF4SG-Z	TF4S-Z
Measuring range（N・m）	0.15-0.6	0.15-0.6	0.25 or smaller	0.25 or smaller
	 （Yellow）	 （Yellow）	 (Red)	 Without a safety cover (Red)
Bit type	HIOS shank H4	HEX shank（(2-step shaft) Upper：5 HEX、Lower：1/4HEX	HIOS shank H4	HIOS shank H4

HP Battery Charger

国別	Voltage	The battery charger	Certificated	Order Code
Japan, US, Canada, Mexico, Taiwan, Southeast Asia① (Thailand, Philippines)	AC100-240V（Multiple input type）	 A Plug		TCH-MULTI
China	AC100-240V（Multiple input type）	 A Plug (CN)		TCH-MULTI-CN
Southeast Asia② (Vietnam, Indonesia, India,	AC100-240V（Multiple input type）	 C Plug		TCH-MULTI-CE

Singapore, Malaysia, Korea)				
Europe (U.K., Ireland)	AC100-240V (Multiple input type)	 C Plug	CE RoHS	TCH-EU

*Please ask your distributor if you want to know the plug type for the country not described in above list.

Attention

To customers who use the old models of HP/HDP Series

The exclusive battery charger for the old models of HP/HDP Series (see the photos below) should be TCH-100N,TCH-120N,TCH-230G or TCH-230B. Check your Torque Meter . Please see the battery charger list.



HP Series



HDP Series

TCH-100N	TCH-120N	TCH-230G	TCH-230B
 AC100V	 AC100V-120V	 AC220V-240V	 AC220V-240V
A Plug Japan	A Plug Korea, Taiwan, US, Canada	C Plug HK, Europe, China	BF Plug Singapore, UK, Australia

Series Comparison

Model

Peak mesuring range	N・m
	kgf・cm
	lbf・in
Accuracy	
Measuring models	
External Dimensions(mm)	External Dimensions(mm)
	Display unit
	Detector
Weight(g)	Weight(g)
	Torque display
	Detector
Detector	Bit socket
Detectorcord	
Charging time	
Continuous operating time ona full charge	
Battery life	
Exclusive battery charger	

HP-1	HP-10	HP-100
		
–	–	–
-	0.015-1	0.15-10
-	0.15-10	1.5-100
0.015-0.9	0.15-9	1.5-90
Within ±0.5% (F.S.)	Within ±0.5% (F.S.)	Within ±0.5% (F.S.)
TRACK, PEAK, FIRST PEAK	TRACK, PEAK, FIRST PEAK	TRACK, PEAK, FIRST PEAK
230 ×124 ×65.2 (H)	230 ×124 ×65.2 (H)	230 ×124 ×65.2 (H)
–	–	–
–	–	–
1.8kg	1.8kg	1.8kg
–	–	–
–	–	–
–	–	–
–	–	–
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)
8 hours	8 hours	8 hours
About 300 charges	About 300 charges	About 300 charges
Input：AC 100-240V （50 / 60Hz） Output：DC 7.3-8V 0.5 A	Input：AC 100-240V （50 / 60Hz） Output：DC 7.3-8V 0.5 A	Input：AC 100-240V （50 / 60Hz） Output：DC 7.3-8V 0.5 A

株式会社 ハイオス

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