

HP-100



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

HP-100

Specification

Download

[Operation Manual \(pdf\)](#)

Peak measuring range

N · m

kgf · cm

lbf · in

Accuracy

Measuring models

External Dimensions(mm)

Weight(g)

Charging time

Continuous operating time on a full charge

Battery life

Exclusive battery charger

0.15-10

1.5-100

1.5-90

Within $\pm 0.5\%$ (F.S.)

TRACK, PEAK, FIRST PEAK

230 × 124 × 65.2 (H)

1.8kg

1.2V NiMH x 5 cells 1,000mA (within 6 hours)

8 hours

About 300 charges

Input : AC 100-240V (50 / 60Hz)

Output : DC 7.3-8V 0.5 A

HP-100

Standard Accessories

Drive size	H5	1/4HEX or 5HEX
Fidaptor with safety cover (1ヶ)	 P/N : TF5G-Z (Black)	 P/N : TF6XG-Z (Black)
Shaft with screw (1pc)	 HIOS Shank (H4) P/N : TF5G-0010-4	-
	 HEX shank (2-step shaft) Upper : 5HEX Lower : 1/4HEXmm P/N : TF6XG-0010	-
Buffer spring (1pc)	 Measuring range : 0.15-0.6 N • m P/N : CL65-0040 (Yellow)	 Measuring range : 0.15-0.6 N • m P/N : CL65-0040 (Yellow)

Others



Exclusive battery charger 1pc

P/N : TCH-MULTI

※Overseas charger plug is different in kind depending on country.



Grease

P/N : TF-G3 1pc

Inspection report 1 copy









HP-100

Fidaptor List

Classification	Standard accessories	Options		
P/N	TF5G-Z	TF6XG-Z	TF6U-Z	TF6UP-Z (The fidaptor for CL-9000 has to be TF6UP-Z.)
Measuring range (N · m)	0.5-3	0.5-3	3.0-9.0	3.0-9.0
	 (Black)	 (Black)	 15mm Without a safety cover (Black)	 35mm Without a safety cover (Black)
Bit type	HIOS shank	HEX shank (2-step)	HEX shank	HEX shank

	H5	shaft) Upper : 5 HEX、 , Lower : 1/4HEX	1/4HEX	1/4HEX
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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, Singapore, Malaysia, Korea)	AC100-240V (Multiple input type)	 C Plug		TCH-MULTI-CE
Europe (U.K., Ireland)	AC100-240V (Multiple input type)	 C Plug		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
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Detectorcord

Charging time

Continuous operating time ona full charge

Battery life

Exclusive battery charger

HP-1**HP-10****HP-100**

-
-
-
0.015-0.9
Within ±0.5% (F.S.)
TRACK, PEAK, FIRST PEAK
230 ×124 ×65.2 (H)
-
-
1.8kg
-
-
-
-
1.2V NiMH x 5 cells 1,000mA (within 6 hours)
8 hours
About 300 charges
Input : AC 100-240V (50 / 60Hz) Output : DC 7.3-8V 0.5 A

-
0.015-1
0.15-10
0.15-9
Within ±0.5% (F.S.)
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