

# HM Series

## Controls measurement by various tools with appropriate quality and precision

- Easily measures in CW (clockwise) and CCW (counterclockwise). Two units, N·m and N·cm are available.
- The measurement data can be imported into your PC for management. Data output and analog output are included in the standard specifications.
- We promptly respond to your request for calibration and maintenance services. "Inspection Report" is attached to every product.

### HM

For torque control of automatic assembly machines

#### HM-10


#### HM-100



## SPECIFICATIONS

Model		HM-10	HM-100
Peak Measuring Range	N·m	0.015 - 1.000	0.15 - 10.00
	N·cm	1.5 - 100.0	15 - 1000
Accuracy		Within $\pm 0.5\%$ (F.S.)	Within $\pm 0.5\%$ (F.S.)
Measuring Mode		Track, Peak	Track, Peak
External Dimensions (mm)	Torque Display	165 × 95 × 55 (H)	165 × 95 × 55 (H)
	Detector	119 × 45 × 33 (H)	119 × 45 × 33 (H)
Weight (kg)	Torque Display	1	1
	Detector	0.35	0.35
Detector Cord		1.7m (P/N: DPC-0506)	1.7m (P/N: DPC-0506)
Battery Pack (charging Time)		6V NiMH (within 8 hours)	6V NiMH (within 8 hours)
Continuous Operating Time on Full Charge		30 hours	30 hours
Battery Life		About 300 charges	About 300 charges
Exclusive Battery Charger		Input: AC100V, Output: DC 7.2V 120mA	Input: AC100V, Output: DC 7.2V 120mA

## Standard Accessories

Model	HM-10	HM-100
Fidaptor with screw	P/N: TFM26-Z (Yellow) 1 pc	P/N: TFM40-Z (Black) 1 pc
Buffer Spring	—	P/N: CL65-0040 Measuring range: 0.15 - 0.6 N·m 
Screw	Replacement screws on the top of fidaptor: 5 pcs Hexagon socket head set screw for fixing: 2 pcs	
L-shaped Wrench	Width across flats 1.5mm 1 pc	Width across flats 1.5mm/2mm 1 pc
Others	● Exclusive battery charger* 1 pc P/N: TCH-100N ● Detector cord 1.7m 1 pc P/N: DPC-0506 ● Inspection Report 1 copy	

## List of Applicable Fidaptors

Model	HM-10		HM-100
	Standard Accessories	Optional	Standard Accessories
Category	TFM26-Z	TFM20-Z	TFM40-Z
P/N	TFM26-Z	TFM20-Z	TFM40-Z
Measuring Range (N·m)	0.15 - 0.6	0.25 or smaller	0.5 - 3
			
Spring Color	Yellow	Red	Black
Applicable tip No.	+ #1	+ #0	+ #2
Screw Head Diameter	M2.6	M2.6	M4.0

\* 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.