



DIGITAL TORQUE METER AD-TM Series

The successor model to ADT-C series with enhanced basic performance



◆Right peak / left peak measurement mode

A series of forward / reverse maximum torque measurement is separately displayed on a two-section screen.

◆External input / output function

The gauge can be operated by receiving external signals.

1. Continuous data capture signal "COP": It is possible to capture the data and see real-time changes while the "COP" signal is being input at 2KHZ intervals.

2. One-shot data capture signal "INT": Data can be captured at any time.

◆USB connection

By connecting to a personal computer (PC) via USB, it is possible to change the settings of this meter by the PC, or send data to the PC.

◆Printer output

Data can be output to a printer without PC.

*Please use Mitutoyo's Digimatic Mini Processor(DP-1VA) as the dedicated printer.

◆With backlight

Clear visibility in dimly lit places.

Standard Accessories

- AC adaptor (IN:AC100V-240V OUT:DC9V) 1 piece
- USB cable 1 piece
- Attachment for driver 1 piece
- Attachment for electric driver 1 piece
- Screws (Excluding a special attachment) for the attachment 2 pieces for each

Attachment
for driver



Attachment
for electric driver



Model (AD-)		TM1	TM5	TM10	TM50	TM100	TM200
Measurement range		$\pm 1.000 \sim$ ± 10.00 N·cm	$\pm 5.00 \sim$ ± 50.00 N·cm	$\pm 10.00 \sim$ ± 100.0 N·cm	$\pm 0.500 \sim$ ± 5.000 N·m	$\pm 1.000 \sim$ ± 10.00 N·m	$\pm 2.00 \sim$ ± 20.00 N·m
		$\pm 100.0 \sim$ ± 1000 gf·cm	$\pm 0.500 \sim$ ± 5.000 kgf·cm	$\pm 1.000 \sim$ ± 10.00 kgf·cm	$\pm 5.00 \sim$ ± 50.00 kgf·cm	$\pm 10.00 \sim$ ± 100.0 kgf·cm	$\pm 20.0 \sim$ ± 200.0 kgf·cm
		$\pm 0.100 \sim$ ± 1.000 lbf·in	$\pm 0.500 \sim$ ± 5.000 lbf·in	$\pm 1.000 \sim$ ± 10.00 lbf·in	$\pm 5.00 \sim$ ± 50.00 lbf·in	$\pm 10.00 \sim$ ± 100.0 lbf·in	$\pm 20.0 \sim$ ± 200.0 lbf·in
Accuracy		$\pm 0.5\%$ of F/S					
Display		4-digits LCD					
Measuring direction		+ : right rotation, - : left rotation					
Measurement mode	PEAK	Holds the maximum torque					
	TRACK	The display changes depending on the torque change. Used when adjusting to 0, etc.					
	Right peak / Left peak (P-P)	Holds left and right peak values					
Battery-powered		Nickel-metal hydride battery : 1.2V×4 cells (1650mAh)					
Measuring unit		N·m(N·cm)/kgf·cm(gf·cm)/lbf·in (Switchable)					
Charging time		About 3 hours					
Usage time		About 12 hours continuously					
Battery life		Charge 300 times or more (however, it depends on the usage conditions)					
Auto power off		Power off after leaving for 10 min.(Measurement without any time limit is also available)					
Data output		ASCII format (Baud rate: 19200)					
Dedicated charger		Input: AC100V~240V Output: DC9V					
Dimension		About 172(L)×210(W)×55(75 with the measuring socket included)					
Net weight		About 2.4kg					

■ Specifications may change without notice.

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