

TCSK-99MA

MULTI-FUNCTION TORQUE TASK MANAGER / ANALYZER

The multi-controller, the "Careless Mistake Detector" has a 100-240V multi-input type power system.

SWPMSeries

TORQUE TOOLS FOR TCSK

SWP tools connect with TCSK-99MA and prevent missing tightening joints.



This is an extremely useful multi-function controller that can serve many purposes, such as detecting loose joints, eliminating faulty fastener tightening, and task time management through connection with a KANON torque wrench, or torque driver.

FEATURES

- TCSK-99MA connects to KANON SWPM series torque tools.
- The red LED indicators are large and easy-to-read, allowing the operator to check the settings and progress of fastener tightening work at a glance. With visible and audible signals, the TCSK-99MA prevents you from leaving joints loose during fastener tightening work.
- Compared with conventional products, TCSK-99MA offers many different functions at a lower price.
- TCSK-99MA can help manage work processes via external output signals.

* This item does not have the CE mark.

Model	TCSK-99MA
Count	1 to 99
Timer setting	Digital input (set time for each function)
Judgement	OK (sounds and LED lights up in green) NG (sounds and LED lights up in red)
External input	Start, stop, reset, direction of rotation, work, lock
External output	Count OK, work NG/OK, overtime NG, in-time NG
Power supply	Input (primary side), switching power type multi-input of 100 to 240 VAC Output(secondary side) 24VDC, 2A 50W
Power consumption	10W
Outside dimensions	209mm (W)×77mm(H)×180mm(D)
Weight	approximately 1.7kg

FEATURES

- When the tool clicks, indicating the joint is tightened to the specified torque, a signal is sent to the TCSK-99MA.

SWPM TYPES ● Type and torque range

Model	Available Models
SPK-SWPM	190SPK~4200SPK N190SPK~N4200SPK
RSPK-SWPM	190RSPK~4200RSPK N190RSPK~N4200RSPK
QSPK-SWPM	PI60QSPK~PI2800QSPK / PF4200QSPK 60QSPK~4200QSPK N60QSPK~N4200QSPK
SPCK-SWPM	60SPCK~4400SPCK N60SPCK~N4400SPCK

- Accuracy : $\pm 3\%$ of pre-set value

QLK-SWPM	PI60QLK~PI2000QLK 60QLK~2800QLK N60QLK~N2800QLK
LCK-SWPM	60LCK~2800LCK N60LCK~N2800LCK

- Accuracy : $\pm 3\%$ of indicated value over the full range

LTDK-SWP	OI200LTDK / PI30LTDK~PI50LTDK 12LTDK~100LTDK N12LTDK~N100LTDK
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- Accuracy : $\pm 3\%$ of indicated value over the full range, clockwise

* Torque wrench setting of N450QLK-SWPM less than 10N·m and 450QLK-SWPM less than 100kgf·cm does not go signal properly.

DTC-EXL DATA PRINT-OUT DIGITAL TORQUE WRENCHES

Newly designed, features a multi-function digital read-out.



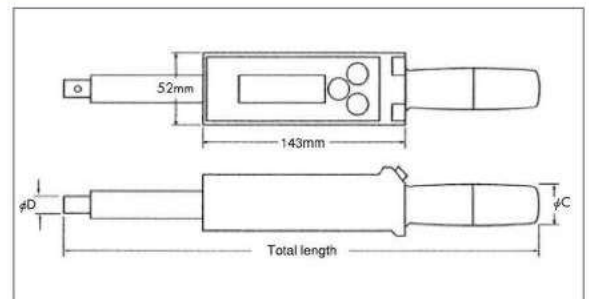
PRINTER TPK-3
(Optional)

REPLACEABLE HEADS



FEATURES

- Accuracy : ±1% of indicated value +1 increment, over the full range
- Display : torque reading 4-digit LCD display
- Measurement modes : ①Peak hold ②Peak to peak-hold ③Run
- Direction of measurement : Automatic CW/CCW changeover, provided with CW/CCW status display
- Power supply : two rechargeable "AA" 1.2V batteries and a 100-240V battery charger
- Battery life : Approximately 20 hours with fully charged batteries (continuous operation)
- Power off : Auto power-off, approximately 3 minutes 40 seconds
- Tolerance setting : Automatic judgement capability per the Min/Max settings
- Data memory : 100 pieces of data
- Output : Printer output (exclusively to a TPK-3), analog output << 0 to 1.024 (mid point) to 2.048 V >>



Model	Range (CW/CCW)	Increment	Total length (mm)	φ D (mm)	φ C (mm)	Weight (kg)	Accessory
DTC-100EXL	10~100 kgf-cm	0.1 kgf-cm	300	10	26	0.7	120 QCK
DTC-500EXL	50~500 kgf-cm	0.5 kgf-cm	324	12	26	0.7	450 QCK
DTC-1000EXL	100~1000 kgf-cm	1 kgf-cm	365	15	32	0.8	900 QCK
DTC-2000EXL	200~2000 kgf-cm	1 kgf-cm	380	18	32	0.9	1800 QCK
DTC-3000EXL	3~30 kgf-m	0.02 kgf-m	535	22	32	1.5	2800 QCK-A
DTC-5000EXL	5~50 kgf-m	0.05 kgf-m	1,063	30	34	3.9	7000 QCK
DTC-10000EXL	10~100 kgf-m	0.1 kgf-m	1,417	34	34	7.3	10000 QCK
DTC-N10EXL	1~10 N-m	0.01 N-m	300	10	26	0.7	120 QCK
DTC-N50EXL	5~50 N-m	0.05 N-m	324	12	26	0.7	450 QCK
DTC-N100EXL	10~100 N-m	0.1 N-m	365	15	32	0.8	900 QCK
DTC-N200EXL	20~200 N-m	0.1 N-m	380	18	32	0.9	1800 QCK
DTC-N300EXL	30~300 N-m	0.2 N-m	535	22	32	1.5	2800 QCK-A
DTC-N500EXL	50~500 N-m	0.5 N-m	1,063	30	34	3.9	7000 QCK
DTC-N1000EXL	100~1000 N-m	1 N-m	1,417	34	34	7.3	10000 QCK
DTC-PI80EXL	8~80 lbf-in	0.01 lbf-in	300	10	26	0.7	120 QCK
DTC-PI400EXL	40~400 lbf-in	0.1 lbf-in	324	12	26	0.7	450 QCK
DTC-PI800EXL	80~800 lbf-in	0.1 lbf-in	365	15	32	0.8	900 QCK
DTC-PF100EXL	10~100 lbf-ft	0.1 lbf-ft	380	18	32	0.9	1800 QCK
DTC-PF200EXL	20~200 lbf-ft	0.1 lbf-ft	535	22	32	1.5	2800 QCK-A
DTC-PF400EXL	40~400 lbf-ft	0.2 lbf-ft	1,063	30	34	3.9	7000 QCK
DTC-PF800EXL	80~800 lbf-ft	1 lbf-ft	1,417	34	34	7.3	10000 QCK

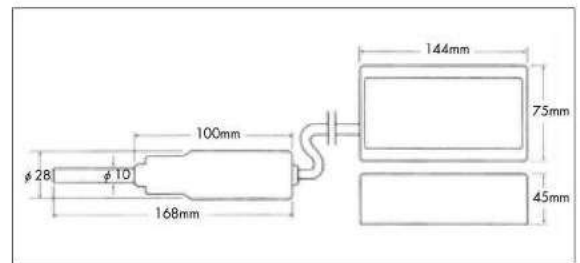
DTDK-EXL DIGITAL TORQUE DRIVER WITH CONNECTED DISPLAY

The display is separate from the driver. Complete tightening control for small screws.

FEATURES

- Accuracy : $\pm 1\%$ of indicated value +1 increment, over the full range
- Display : torque reading 4-digit LCD display
- Measurement modes : ①Peak hold ②Peak to peak-hold ③Run
- Direction of measurement : Automatic CW/CCW changeover, provided with CW/CCW status display
- Power supply : two rechargeable "AA" 1.2V batteries and a 100-240V battery charger
- Battery life : Approximately 20 hours with fully charged batteries (continuous operation)
- Power off : Auto Power-off, approximately 3 minutes 40 seconds
- Tolerance setting : Automatic judgement capability per the Min/Max settings
- Data memory : 100 pieces of data
- Output : Printer output (exclusively to a TPK-3), analog output << 0 to 1.024 (mid point) to 2.048 V >>

Old Model	New Model	Range (CW/CCW)	Increment	Weight (kg)	Included Accessory
DTDK-20EXL		2~20 kgf·cm	0.01 kgf·cm	1	Standard bits Phillips SB type
DTDK-50EXL		5~50 kgf·cm	0.05 kgf·cm	1	No.1, No.2
DTDK-N2EXL	DTDK-CN200EXL	20~200 cN·m	0.1 cN·m	1	No.0, No.1
DTDK-N5EXL	DTDK-CN500EXL	50~500 cN·m	0.5 cN·m	1	No.1, No.2
DTDK-PI40EXL		4~40 lbf·in	0.01 lbf·in	1	No.1, No.2



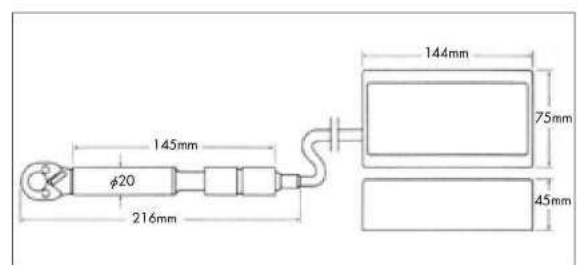
DTC-N5EXL DIGITAL TORQUE WRENCH WITH CONNECTED DISPLAY

The display is separate from the wrench. The slender wrench body facilitates measuring lower torques.

FEATURES

- Accuracy : $\pm 1\%$ of indicated value +1 increment, over the full range
- Display : torque reading 4-digit LCD display
- Measurement modes : ①Peak hold ②Peak to peak-hold ③Run
- Direction of measurement : Automatic CW/CCW changeover, provided with CW/CCW status display
- Power supply : two rechargeable "AA" 1.2V batteries and a 100-240V battery charger
- Battery life : Approximately 20 hours with fully charged batteries (continuous operation)
- Power off : Auto Power-off, approximately 3 minutes 40 seconds
- Tolerance setting : Automatic judgement capability per the Min/Max settings
- Data memory : 100 pieces of data
- Output : Printer output (exclusively to a TPK-3), analog output << 0 to 1.024 (mid point) to 2.048 V >>

Old Model	New Model	Range (CW/CCW)	Increment	Weight (kg)	Accessory
DTC-50EXL		5~50 kgf·cm	0.05 kgf·cm	0.9	120QCK
DTC-N5EXL	DTC-CN500EXL	50~500 cN·m	0.5 cN·m	0.9	120QCK
DTC-PI40EXL		4~40 lbf·in	0.01 lbf·in	0.9	120QCK



* is the new model that is applied from 1st January, 2016.