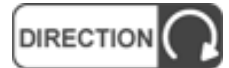


## CTA



**Angle method torque wrench, sets snug torque followed by angle.**

**Ideal for rework and repair areas or used as a back up tool for large automated torque and angle transducers on the production line.**



Accuracy  $\pm 1\%$  + 1 digit

Model	Angle Measuring Range		Angle Accuracy	Torque Range		Hand Force at Max Torque Range	Effective Lgth.	Overall Lgth.	Weight approx	Standard Accessories	Interchangeable Heads
	Min.-Max.	Grad.		Min.-Max.	Grad.						
CTA50 X 12D	0°-999°	1°	$\pm 2^\circ + 1$ digit (Angular velocity is 30°/s-180°/s when the bolt turned to 90°)	N.m (2.5) 10-50	N.m 0.05	152	329	360	0.7	QH12D	(SH,RH,QH, RQH, HH,DH, FH) 12D
CTA100 X 15D				(5) 20-100	0.1	244	409	433	0.8	QH15D	(SH,RH,QH, RQH, HH,DH, FH) 15D
CTA200 X 19D				(10) 40-200	0.2	409	489	500	1.1	QH19D	(SH,RH,QH, RQH, HH,DH, FH) 19D
CTA360 X 22D				(18) 72-360	0.4	481	749	743	1.6	QH22D	(SH,RH,QH, RQH, HH,DH, FH) 22D
CTAE500 X 22D				(25) 100-500	0.5	549	910	912	3.5		
CTAE850 X 32D				(43) 170-850	1	608	1398	1383	4.9		QH32D

Metric and American models are available upon request.

**NOTE**

1. The numbers in ( ) are the possible lowest setting snug torque value.
2. Accuracy of snug torque below min. torque value of torque range is not guaranteed.
3. Overall length does not include interchangeable head.
4. Interchangeable heads other than provided QH heads are optional.
5. PH type interchangeable head is not available for this model.
6. Not for inspection purpose.

**Common Specification**

MEMORY	Torque, Angle 50 Data / Torque 99 Data / Angle 99 Data
MEASUREMENT MODE	PEAK/RUN (Angle, Torque)
DATA OUTPUT	Based on RS232C / Infrared output
ZERO ADJUSTMENT	Auto Zero function (Angle, Torque)
OTHER FUNCTIONS	Angle value setting, Snug torque setting, Auto power off (after 20 min.), Battery checker, Autoreset
POWER SOURCE	Ni-cd battery
CONTINUOUS USE [h]	8
BATTERY CHARGE [h]	1
OPERATING CONDITION [°c]	Temperature 0 ~ 40

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