

# TORQUE CHECKING QC WRENCHES

In many maintenance and production processes it is necessary to conduct statistical control over previously tightened fasteners. This control is generally carried out by re-tightening the screws until they show a displacement (called the just move test) and recording the torque just at the point the fastener began to move. The accuracy of the recorded torque depends on the abilities of the user, since it is necessary to perform the tightening operation in a progressive and careful manner; the movement of the fastener and the torque reading occur at the same time; making the precise recording of the original torque even more difficult, so the actual values recorded **in this manner can represent a considerable deviation in the real torque that was intended to be measured.**

In order to overcome these factors which lead to reading inaccuracies, EGA Master has developed its torque checking qc wrenches. They register the original tightening torque of the fastener by means of an innovative system that registers the torque at the same time that the fastener starts to turn, thanks to its rotation angle sensor (registering the torque's value when it detects a turn of 3°).

The measured torque depends on the speed of the operation: the slower the operation, the more precise the result will be. The display might show an error message if the process is carried out too fast.

**From  
1/4" to 1/2"**

1. The ratchet head gear is made in Cr-V for maximum strength.

2. Data recording and communication system.

3. Audible and light warning system for the 9 pre-setting torques.

4. Progressive switching on of the light leds to approach the pre-set value.

5. Oversized ergonomic & anti-slippery handles.

6. Individual carrying case.

7. Two measurement modes:  
**M1:** for the verification of tightening torque and **M2:** for **Peak** (maximum torque value) & **Track** (current torque value).

8. Reversible ratched head.

9. It can store up to 250 values.

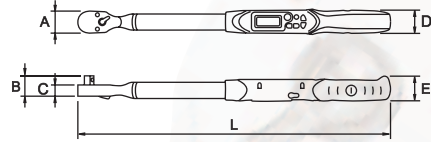
10. Measurement units: Nm, Lb.ft, Lb.in, Kg.cm

11. 24h web calibration system.

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\*G12



COD		N.m	Lb.ft	Lb.in	Kg.cm	L mm	A	B	C	D	E		
56095	1/4"	1,5-30	1-22	13-265	15-306	390	23	19	11	39	44	1.4	1
56096	3/8"	6,8-135	5-100	60-1195	69-1378	415	30	27	15				
56097	1/2"	10-200	7-148	88-1770	102-2041	530	41	35	19				
56098		17-340	12-251	150-3009	173-3469	650							

COD	ACCURACY		RESOLUTION	DATA MEMORY	DATA COMMUNICATION TO THE COMPUTER	CABLE FOR DATA COMMUNICATION
	CW (CLOCKWISE)	CCW (COUNTER CLOCKWISE)				
56095	±1%	±2%	0.01Nm / 0.01 Lb.ft / 0.1 Lb.in / 0.1 Kg-cm	250	Yes	Yes
56096						
56097						
56098			0.1Nm / 0.1 Lb.ft / 1 Lb.in / 1 Kg-cm			

## TECHNICAL SPECIFICATIONS

Calibration certificate	●
Reversible	●
Teeth	36
Warning system	Audible and light alarm
Operation mode	M1: Verification of tightening torque M2: Peak / Track *
Unit selection	N.m / Lb.ft / Lb.in / Kg.cm
Cd with the programs for data communication	●
Web calibration	24h
Batteries	AA x 2
Battery operation time	110 h
Battery life (standby)	1 Year
Operating temperature	-10°C - 60°C
Storage temperature	-20°C - 70°C

\* Track mode: Direct torque value  
 Peak mode: Max. torque Value