

# PROFESSIONAL CALIBRATION TORQUE UNIT

## DESCRIPTION

The AWS LTD Professional Calibration Torque Unit (PCTU), our entry level bench mounted tester for production line or lower cost requirements for testing hand torque tools. With Multiple mode and unit selection as well as a tilting display providing a variety of viewing angles, it does not compromise on function or accuracy, displaying more precise torque values than any other entry level torque tool tester.

The range is designed to calibrate all types of torque wrenches and torque screwdrivers, and has been selected to cover the large majority of torque tools without having to use two instruments for a single tool type.

The RS232 output enables the PCTU to be connected to a PC for direct input into ADMS Kepler Torque Tool Calibration Software (sold separately). This allows for quick, accurate and precise calibration of torque tools.

## SPECIFICATIONS

Model: PCTU-1006-	10	50	250	1000
Ranges:	0.4 - 10Nm	2 - 50Nm	10 - 250Nm	40 - 1000Nm
Square Drive Size:	1/4"	3/8"	1/2"	3/4"

Accuracy:	Better than 1% of reading from 4 to 100% of Rated output. See Calibration certificate for full results.
Units:	Nm and Lbf.Ft or cNm and Lbf.In Selectable (Dependant on Range).
Modes:	<div><div><div>R</div><div>F</div><div>P</div></div><div><b>RUN:</b> For Dial-type and Electronic Wrenches and Screwdrivers <b>1<sup>st</sup> PEAK:</b> For Click-type Wrenches and Screwdrivers <b>PEAK:</b> For Cam-type Wrenches and Screwdrivers</div></div>
Display:	5 X 12.5mm digit LED. Adjustable viewing angle through 90°. LED's indicate selected mode and units. Selection and functions are changeable by four pushbuttons.
Power:	Internal Rechargeable Batteries allow it to be used in the field. Auto power off function extends life of the display. Supplied with 9V DC plug top power supply for charging batteries and mains power.
Mounting:	Wall or bench/pedestal mountable via 4 hole 8 mm dia bolt fixings (bolts not supplied).
Data Output:	Female RS232 connection.
Overload capability:	125%
Maximum mechanical overload:	160% of Range stated.
Operating temperature:	+0°C to +50°C.
Temperature coefficient:	On Zero: 0.01% per °C On Span: 0.03% per °C
CE:	2014/30/EU
EMC:	EN 61326: 2007
Torque Standard:	BS 7882:2017



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MANUFACTURER INFORMATION	SUPPLIER INFORMATION
Advanced Witness Systems Ltd Unit 8 Beaumont Business Centre Beaumont Close Banbury OX16 1TN Tel: +44 (0)1295 266939 Email: sales@awstorque.co.uk	