




# PROFESSIONAL TRANSDUCER DISPLAY

## DESCRIPTION

The AWS Professional Transducer Display (PTD), for powering and displaying the readings from AWS Intelligent Torque Transducer ranges (I Series). The PTD features a bright, full colour LCD graphic display, showing the torque reading, both in large 5 digits, and analogue bar graph. It has internal rechargeable batteries for portable operation. Featuring Run, Peak and 1st Peak mode operation (selectable), unit and limits selection via front panel soft keys. When using the limits features, external yellow, red and green LEDs indicate whether torque values are low, high or acceptable, and the 5 digit reading changes colour. The display also indicates the battery level status. The RS232 output enables the PTD 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. An optional PTD stand (purchased separately) for bench or wall mounting is available. The PTD-H is a more rugged option for demanding environmental climates. The PTD covers our whole range of I Series transducer sizes and displays torque in Nm, cNm, Lbf.Ft and Lbf.In.

## SPECIFICATIONS

Model: PTD-	1010	1010-H
Specification	Casing has a rugged solid design for withstanding shock & impact damage.	This version of the display enables it to be used at sub-zero temperatures. Rated to IP 67.

LCD Display:	<ul style="list-style-type: none"> <li>• 70mm X 52mm Bright, Full Colour, Sunlight Readable LCD Display</li> <li>• 5 Digit Active Reading</li> <li>• Analogue Bar Graph</li> <li>• Mode, Unit, Limit Selection and Setting Graphics via Soft Keys</li> <li>• Battery State and Indication of Charging.</li> </ul>
Power:	Internal Rechargeable Batteries allow for portable use. Auto power off function extends life of the display. Supplied with 12V DC plug top charger.
Accuracy:	Better than 1% of reading from 4% to 100% F.S.D when used with AWS Intelligent Torque Transducers.
Limit Selection:	Low, Pass, High
Units:	Nm, cNm, lbf/ft, lbf/in
Data Output:	9-pin D Standard Female RS232 Connector
Operating temperature:	1010: -10 to +50°C 1010H: -20 to +50°C
Temperature coefficient:	On Zero: 0.01% per °C On Span: 0.03% per °C
Mode	 <b>RUN</b>  <b>1<sup>st</sup> PEAK</b>  <b>PEAK</b>
Weight:	1.6 Kg
Size:	160mm x 220mm x 200mm
CE:	<b>2004/108/EEC</b>
EMC:	EN 61326:2007
NATO Stock No:	5980-22-623-1641
Screenshots:	



Left: Graphical mode selection. Centre: Reading screen showing mode/units selected and analogue bar graph. Right: Battery level warning

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### MANUFACTURER INFORMATION

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### SUPPLIER INFORMATION