



## Acam Instrumentation Ltd

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# Transducer Displays

We have over 40 years experience in making transducers.

We manufacture using a variety of materials dependent upon application that include stainless steel, EN24T, Inconel and Titanium.



We manufacture a Transducer Display to suit your application using the specification listed below. This simple device can show a variety of engineering units and a 10 Volt power supply for transducers is incorporated.

A Tare facility and an alarm signal output are also available.

<b>Accuracy:</b>	0.1% +/- 1 digit	<b>Display Update Rate:</b>	2 updates per second
<b>Analogue to Digital Converter:</b>	Dual slope conversion ADC update rate: 5 updates per second	<b>Display Size and Type:</b>	14.2mm high brightness red LED's
<b>Stability:</b>	< 250ppm	<b>Display Range:</b>	-1999 to +9999
<b>Common Mode rejection ratio:</b>	>120dB	<b>Scaling:</b>	By links fitted behind front panel and front push buttons.
<b>Series mode rejection ratio:</b>	60dB at 50Hz and 60 Hz	<b>Alarm Relay: (option)</b>	2A 250V change over contacts.
<b>Input Resolution:</b>	1 nV	<b>Alarm Annunciator:</b>	High brightness front panel LED
<b>Watchdog:</b>	Both software and hardware watchdogs reset CPU on any program error.	<b>Alarm Setpoint Adjustment:</b>	By means of up/down front panel keys.
<b>Calibration:</b>	Digital stored in EEPROM	<b>Power Supply (Customer Specification):</b>	115V 50/60Hz, 230V 50/60Hz,
<b>Calibration Software:</b>	Optional - permits customer to setup and calibrate through an interface.		6VA max, 11V to 30V DC 10V to 24V AC, 6VA max. (A isolated to 500VDC/AC peak).
<b>Calibration:</b>	Performed by connecting to external pc.		
<b>Input:</b>	0 to 25mV		
<b>Status Input</b>	5V max excitation suitable either volt free contacts or logic level signal.		