



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.

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