

AIC



Amalgamated Instrument Co Pty Ltd
Instrumentation for Industrial Applications
PH: + 61 2 9476 2244 www.aicpl.com.au

Process Control and Monitoring Solutions

AIC is a 100% wholly owned Australian company. With over 30 years experience in the design and manufacture of process control instrumentation, AIC can provide solutions, both custom designed and off the shelf. AIC's instruments are designed and manufactured in Australia.

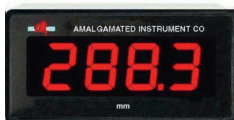
AIC's instruments have a reputation for quality, reliability and ease of use across a broad range of industries. Applications include:

- | | | | | |
|-----------------|------------------------|-----|---------------------|--------------------|
| • AC Inputs | • DC Voltage | AIC | • SSI Input | • Loop powered |
| • BCD Inputs | • Frequency | | • Strain / pressure | • PI Control |
| • Binary Inputs | • Flow Measurement | | • Temperature | • pH and ORP |
| • Clocks | • Gray Code Input | | • Timing | • Pressure |
| • Conductivity | • Humidity | | • Totalising | • Position sensing |
| • Counters | • Linearisers | | • Weather sensing | • Pulse / Rate |
| • Data logging | • Liquid level sensing | | • Weighing | • Quadrature |
| • DC Currents | • Load cell input | | • Wind speed | • RS232, 485 |

Optional outputs available include: analog, digital, additional relays, serial comms, Ethernet, Modbus etc. (outputs available vary with model type).

Panel Meters

AIC's Panel Meters can be optioned and customised to your requirements via our range of output modules which are manufactured in-house and held in stock for use as required. AIC's panel meters are available with 4,5,6 or 8 Digit LED & 4 or 6 digit LCD displays, or dual displays with digital and bargraph readouts.



4 digit LED 20mm digit height



4 digit LCD 12.7mm digit height



5 digit LED 14.2mm digit height



6 digit LED 14.2mm digit height



8 digit LED 10mm digit height



6 digit LCD 12.7mm digit height

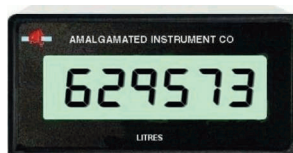
DIN rail Mounted Meters

The RM3 and RM4 models provide a range of display, control and monitoring solutions in a DIN rail mounted package.



The Low Cost PM6 Range

Where indication only is required, the PM6 range provides an economical solution to a range of applications. A PM6 loop powered display is also available.



Process Control Instruments from AIC

Large Digit Displays

AIC is a market leader across a wide range of industries with the rugged, durable and high performance range of Large Digit Displays. The newly released daylight visible, high contrast version is the ideal choice for applications where high visibility is required. These are now available in red, amber and green. All Large Digit Displays are available in tough ASA plastic, stainless steel or powdercoated mild steel. The display size of digits can range from 38mm to 200 mm.



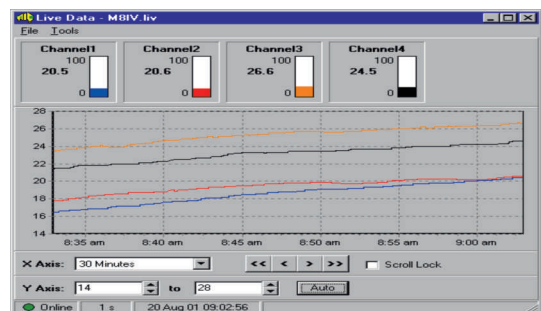
Multi-Channel Scanning Monitors

Multi channel input types include: 4-20mA, DC Volts, RTD or thermocouple temperature sensors.



DIN rail, panel mount and wall mount instrument types are available. Some instruments allow use of arithmetic functions.

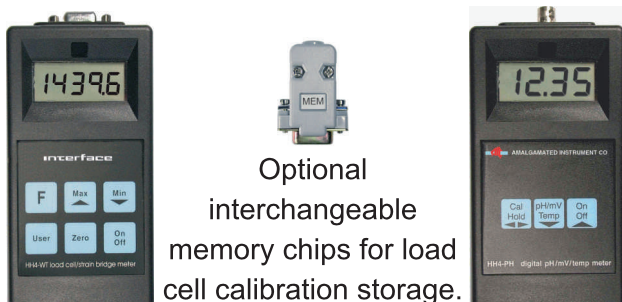
Data Logging



Windows compatible software allows live viewing, logging directly to hard drive or downloading data stored in data logger memory. Data logging memory is offered as an external unit or can be fitted as an internal option on some instruments.

Hand-held Instruments

Weight, pH and thermocouple inputs

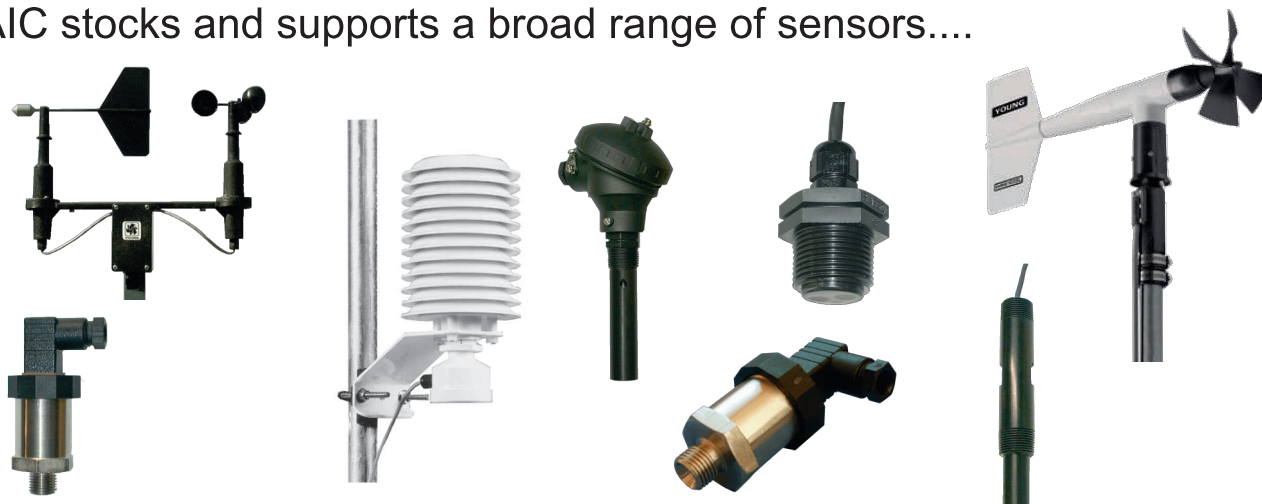


Optional interchangeable memory chips for load cell calibration storage.

Desk top and wall mount enclosures are available for panel or DIN rail ranges.



AIC stocks and supports a broad range of sensors....



....and a comprehensive range of load cells and accessories.



OEM / Custom Product Development

AIC has designed and developed products for a broad range of industries and applications. We have the technical experience and resources to assist with the realisation of your concept from design and development through to the finished product.



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Quality
ISO 9001
SAI GLOBAL