

# Batch Measurement Controller



**SY015 Flow Measurement Controller**

The SY015 batch and flow measurement controller is the most effective model in our product range. By a combination of straight forward keypad programming and rear jumper and switch settings, the SY015 can be configured to suit a wide range of applications. Three relays are fitted to the unit, typically configured as a control, pre-close and alarm, in this mode the control relay is energised for the duration of the batch. The pre-closed relay is energised until a pre-determined quantity remains. This can be either a preset value or the unit can be set to learn the characteristics of the system and adjust the value automatically. The alarm relay is energised if for some reason there is a problem in receiving the flow signal from the meter ensuring the unit closes valves and effectively fails safe.

## Features

- Full numeric click action keypad for easy data entry
- Alarm for missing flow meter pulses
- Easily configured for use with most flow meters
- Crash proof design

## Specification

- Power - Switch selectable on rear panel for 230/110V ac. Consumption < 6W.
- Case - 96mm square DIN43700 panel mounting.. Overall depth behind panel 124mm.

## Options Available

- Serial interface - RS232 and RS485 can be linked directly to a printer and a PC or form part of a network with other instruments.
- Data logger - Stores full details of up to 16,384 batches.
- Analogue output - Provides fully scaleable 4-20mA output proportional to flow rate.