

Vision Series

See the Future of Process Control Instrumentation

The Vision Series of instrumentation brings a totally new concept to the water treatment and process control environment.

By selecting and combining a small number of key components, a huge range of control requirements can be satisfied.



Model UV

A single system instrument for *all* applications – cooling, boiler or process control

Model LV

A dual system process control instrument for *all* applications – cooling, boiler or process control



IntelliSense

A range of input/output devices with almost limitless combinations of measurement and control



IntelliScan

A revolutionary method of sensor calibration

Vision series controllers utilise USB technology and incorporate extensive in-built programming options to provide maximum flexibility of application.

Model UV is a single system process control instrument, designed to handle many types of applications. Available in only one model, it is supplied in a standard format with popular features, many of which are automatically activated.

As standard, it is supplied with two IntelliSense connections allowing for the use of one multipurpose IntelliSense input/output and one general sensor IntelliSense (conductivity, toroidal, pH, or Redox), four selectable relays, one alarm relay, three taggable timers, one flow switch input and one input suitable for use with dry contact or hall effect water meters.

Model LV is a dual system process control instrument, designed to handle many types of applications. Available in only one mode, it is supplied in a standard format with popular features, many of which are automatically activated.

As standard, it comes with three IntelliSense connections (allowing for the use three general sensor inputs, two general sensor inputs and one multipurpose input/output or one general sensor input and two multipurpose inputs/outputs), four selectable relays, one alarm relay, six taggable timers, two flow switch inputs, and two inputs suitable for use with dry contact or hall effect water meters.

The capability of the **Model LV** controller can be maximised to enable it to handle up to two multipurpose IntelliSense inputs/outputs and any combination of up to four conductivity, toroidal, pH or Redox IntelliSense inputs through the use of a **USB Expansion Hub** and up to eight selectable relays through the use of a **Relay Expansion Box**.

IntelliSense is a new concept in the measurement of specific parameters in process applications.

By Converting an analogue sensor input to a digital signal, the IntelliSense unit provides auto sensor recognition that eliminates drifting potential and allows travel of up to 300 metres (multipurpose IntelliSense has a max of 5 metres). Each of the five available sensory heads is colour coded and measures a multitude of variables.

The **Multipurpose (MPIO)** unit allows almost limitless sensor recognition by accepting any suitable 4–20 mA signal input linked with the ability of the **Vision** series controller to be programmed to detail the relevant parameter.

IntelliScan is a handheld device that revolutionises the calibration process of sensors by eliminating the need for manual data entry into the controller.

IntelliScan has an infrared port that allows calibration data to be transmitted to the IntelliSense from the IntelliScan. The unit has a simple user interface design and features many impressive capabilities.

The unit is supplied with its own convenient carrying case and belt-clip attachment.

For full technical details of the family of components described, referred to the relevant data sheet specific to that product.