

Annual 1, July 2007

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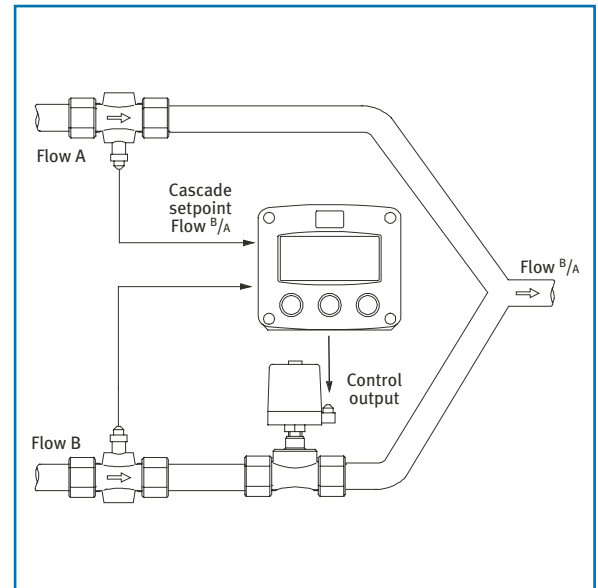
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## New F124 Ratio Controller

The new ratio controller F124 is scheduled to be released on October 1<sup>st</sup> 2007. At this moment field trials are running successfully at end-users in the chemical industry. The F124 will be a key product with opportunities for extension into a controller product family, where the F120 single loop controller is expected on November 1<sup>st</sup> 2007. The F124 is designed for ratio control applications like:

- Blending and mixing two flows to produce specific compositions or physical properties.
- Injecting modifiers and pigments into resins before moulding or extrusion.
- Maintaining a correct air and fuel mixture.
- Adjusting heat input in proportion to material flow.



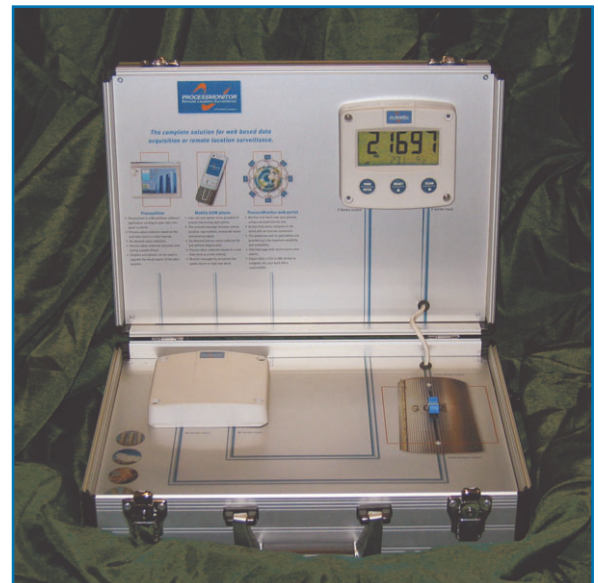
Ratio control is used to ensure that two (or more) flows are kept at the same ratio even if the flows are changing. The measured additive flow B is divided by the main flow A. The result becomes the cascade set point and is adjustable by the operator in percentages. When the operator changes the control mode from Hand to Local or Cascade, PV and set point tracking



is used to ensure bump less transfer. The F124 uses an I-PD algorithm to provide stable control and to reduce overshoot. Another important feature is the safety mode, where a contact input closure will set the control output to a predetermined safety value. The F124 extends its possibilities by using an Intrinsically Safe option in a rigid IP67 field enclosure. The F-series product range is the alternative to replace existing pneumatic controllers in local control loops.

## The ProcessMonitor M-Series demo suitcase

The demo suitcase is an innovative, interactive presentation package designed to introduce our customers the ProcessMonitor concept. The objective is to provide our distribution partners a real-life demonstration tool to show customers how easy and reliable our business solution works. A schematic reproduction of a remote tank monitoring application is printed on the aluminium plates. The demo kit consists of a suitcase with a Fluidwell Fo73 level display with large digits display and two alarm outputs, configured as high and low alarm. The Fo73 is supplied with the backlight option. The demo kit also contains a potentiometer as a simulation of a continuous signal from a level instrument (radar, TDR, ultrasonic, hydrostatic pressure). The ProcessMonitor M422 remote monitoring unit with two 4 - 20mA and two digital inputs transmits the signal to your GSM phone, laptop, PC or the ProcessMonitor web portal. Supplied by the demo suitcase is a USB GSM modem for the connection to your PC or laptop. The ProcessView software will demonstrate the visual aspect of this tank monitoring application on your computer.



Since 1993, Fluidwell bv is the centre of competence for development and manufacturing of:

- Industrial indicators
- Flow computers
- (Batch) controllers
- VMI hardware platform

More than 95% of the products made in Veghel are exported to countries around the world.

## Colophon

Well Informed is published every quarter by Fluidwell. It is distributed to all the relations of Fluidwell.

## Fluidwell bv

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