

Ultrasonic Flowmeters Help Reduce Drug Production Costs



Titan Enterprises

reports that its **Atrato and MetraFlow ultrasonic inline flowmeters** are used by **drug manufacturers** to streamline production and reduce costs. These devices measure a liquid's rate of flow with extraordinary levels of accuracy, helping drug manufacturers control small details that make a big difference during production.

Production of pharmaceutical drugs

presents difficult challenges for process instrumentation used to monitor and optimise the process. Typically drug production processes require devices able to cope with low flow rates and constructed from ultra-pure materials so as to maintain hygienic, sterile and sanitary conditions.



The Atrato range

of inline low flow flowmeters use patented ultrasonic technology, which enables it to operate with excellent accuracy over a very wide flow range (0.002 to 20 litres/ minute). The rugged, clean bore construction makes the Atrato ideal for almost any low flow application. Different models of this non-invasive flow measurement device are available for metering fluid flow from -10°C to +110°C and pressures up to 30 bar (435 psi).

The Metraflow ultrasonic flowmeter

was designed for customers tasked with applications that pose fluid compatibility challenges. Using patented ultrasonic technology, with a single unbroken PFA measurement tube, the MetraFlow is able to reliably operate with excellent accuracy across flow ranges from 20 to 5000 ml/min, having excellent turndown of 50:1; repeatability (+/- 0.1%); linearity and a reading accuracy of better than +/- 0.5% full scale.

For further information please

visit www.flowmeters.co.uk/atrato-ultrasonic-flowmeters/ and

www.flowmeters.co.uk/metraflow-non-invasive-pfa-flow-meter-the-perfect-ultra-pure-water-flowmeter/ or contact Titan Enterprises on +44-1935-812790 / sales@flowmeters.co.uk.

Titan Enterprises Ltd

Drawing upon over 40-years of flowmeter innovation - Titan Enterprises Ltd are a manufacturer of high-performance solutions including the Atrato ultrasonic flowmeter, Oval Gear flowmeters, low flow Turbine flow meters and a flow instrument range. Titan's company philosophy of "pushing the envelope by trying to do things a little different and better" has resulted in sales of over 500,000 products into 50 countries worldwide and a repeat purchase percentage of 95%. All flow meters produced by Titan Enterprises are designed and manufactured to ISO9001 and calibrated to an uncertainty of $\pm 0.25\%$.