



**Titan Enterprises Ltd.**

Coldharbour Business Park

Sherborne, Dorset DT9 4JW

Tel: 01935 812790

Fax: 01935 812890

Email: [sales@flowmeters.co.uk](mailto:sales@flowmeters.co.uk)

**[www.flowmeters.co.uk](http://www.flowmeters.co.uk)**

**[www.atratoflowmeters.co.uk](http://www.atratoflowmeters.co.uk)**

VAT No. GB 365 9701 23

**PRESS ANNOUNCEMENT**

**Flow Sensors for Medical Applications**

**Titan Enterprises** reports on increasing use of its proprietary **Atrato ultrasonic flowmeter** technology for **medical applications** including real-time drug monitoring, metering of coolants for chemotherapy treatment and blood flow systems.

Ultrasound flow measurement has over recent years shown great promise in medical applications, initially with Doppler shift technology, and more recently with time of flight systems such as the Atrato.

Beneficially Atrato is a true inline non-invasive flowmeter technology without the contorted flow path and disadvantages of alternative ultrasonic flowmeter designs. It can handle flows from laminar to turbulent and is therefore largely immune from viscosity effects. Based upon a patented time-of-flight ultrasonic technology - Atrato is able to operate over very wide flow ranges (200:1) delivering excellent accuracy (better than  $\pm 1.0\%$  of reading), linearity and repeatability - critical parameters for medical applications.

Also based on Atrato technology – Titan Enterprises Metraflow ultrasonic flowmeter offers the additional advantage of a clean bore with no inclusions or distortions and has proved more than adequate at responding to the dynamics of several medical blood flow systems.

Contact Titan Enterprises now on +44-1935-812790 or [neil@flowmeters.co.uk](mailto:neil@flowmeters.co.uk) to discuss your medical flow sensing application.

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  $\pm 0.25\%$ .

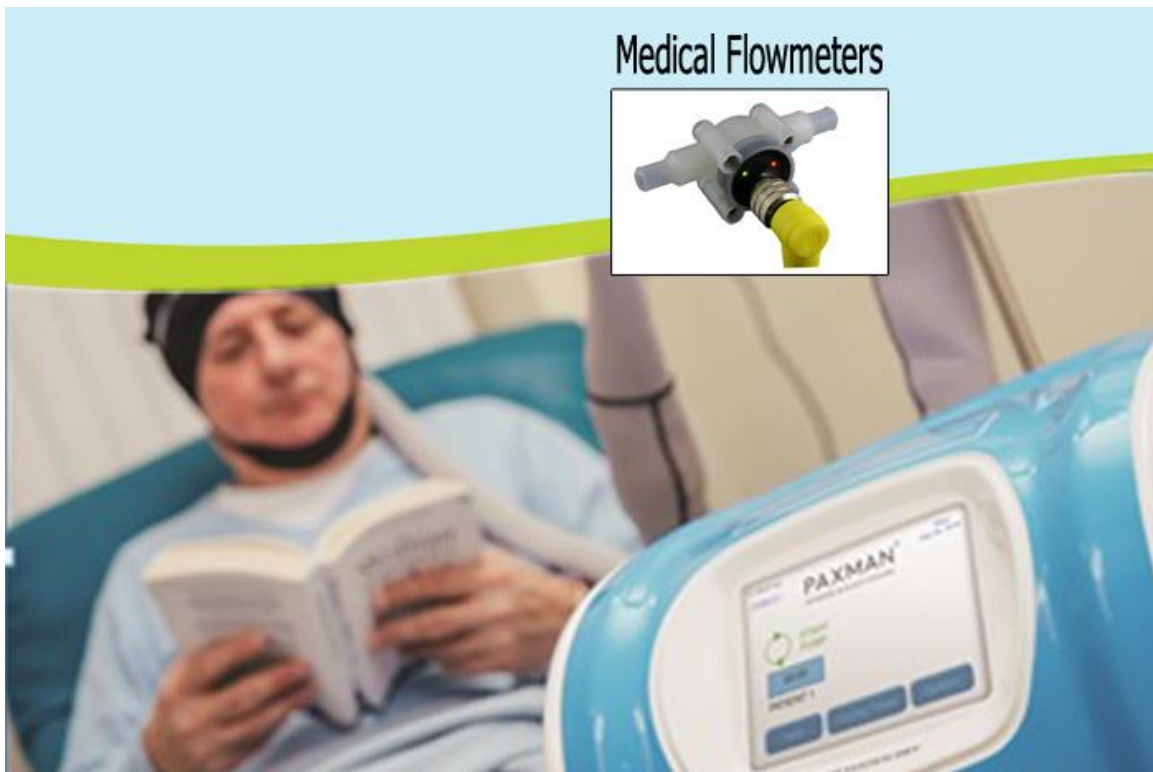
**JANUARY 2020**

**titanpr88-MedicalFlowSensor**

**Illustrative images** (available on request):



Caption: Atrato & Metraflow ultrasonic flowmeters



Caption: Medical flow sensor developed by Titan Enterprises

*For more information please contact:*

Media: Dr Bill Bradbury +44-208-546-0869 / [info@primetek-solutions.com](mailto:info@primetek-solutions.com)

Registered Office Address as above Company Registration No 01599477 Place of Registration Cardiff