



Titan Enterprises Ltd.

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Titan Enterprises' NSF-Approved 800-Series Turbine Flow Meters Provide Low-Cost Solution for Pharmaceutical and Medical Industry

Precision flow measurement

is a critical tool for the Pharmaceutical and Medical industries, where processes require the precise control of liquid flow rates. Titan's NSF-approved 800-series turbine flow meters are ideally suited for applications where both food-grade hygiene and precision flow measurement are required, such as those seen in dispensing and accurate batch delivery systems for ingestible pharmaceutical products and additives.



[Titan's NSF-approved 800-series flowmeters,](#)

certified under NSF/ANSI 169 as equipment for food products, are designed for precise metering of low viscosity liquids - water, water-soluble chemicals, drug coatings for example. These mini turbine sensors provide a low-cost dispensing solution giving reliable, high performance over 6 flow ranges from 0.05 to 15 L/min.



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The 800-series flow measuring devices

have totally non-metallic NSF-approved wetted components that ensure safe dispensing of ingestible materials. The flow device's body and turbine are moulded from inert PVDF to ensure there is no contamination to any liquid passing through it. The bearings within the Titan mini turbine flow sensors are made of sapphire giving long life and reliability.

As an experienced OEM supplier,

Titan [develop customised flow meters](#) for specific applications within the [pharmaceutical and medical industries](#). *“Accurate dosing of drugs in a medical environment, such as intravenous drug administration, can be controlled and monitored using flowmeters,”* says Neil Hannay, Senior R&D Engineer at Titan Enterprises. *“Titan have done some extensive pioneering work with a USA medical company to produce a disposable ultrasonic flowmeter that would measure the volume of liquid manually injected into a patient.”*

The NSF-Approved 800-Series flow meters

have also proved a valuable component within [Paxman's](#) innovative liquid-based cooling system. The scalp cooling technology utilises Titan's mini turbine flowmeters to monitor the rate of coolant flow around the patented cooling cap during chemotherapy treatment.



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To discuss an optimised flow measurement device

for your OEM application please contact Titan Enterprises on +44 (0)1935 812790 or email

Drawing upon over 40-years of flowmeter innovation - Titan Enterprises Ltd is a leading manufacturer of high-performance flow measurement 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 2 million flowmeters and components 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 $\pm 0.25\%$.

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URL: <https://flowmeters.co.uk/titan-enterprises-nsf-approved-800-series-turbine-flow-meters-provide-low-cost-solution-for-pharmaceutical-and-medical-industry/>

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