

Technical Update

flo-pak - a complete solution for effluent flow monitoring



All you need for non-contacting ultrasonic flow monitoring to BS3680 in one convenient pack. Pulsar equipment is in use in most UK water companies and has been selected for hundreds of open channel flow monitoring applications worldwide. By bringing together all the equipment you need to monitor flow rates, including superb **Ultra PC** software, Pulsar are helping you to make sure you can easily comply with your consent monitoring requirements. All you need to supply is the PMD (primary measuring device) whether a "weir" or a "flume" and flo-pak will complete the picture.

- Water Industry standard flow monitoring equipment
- Simple installation and configuration
- High capacity data logging
- Instant flow readout and alarms
- Pulsed output for totalisation or flow sampler use
- **Ultra PC** charting and display software for trend analysis
- Produce the EA report automatically

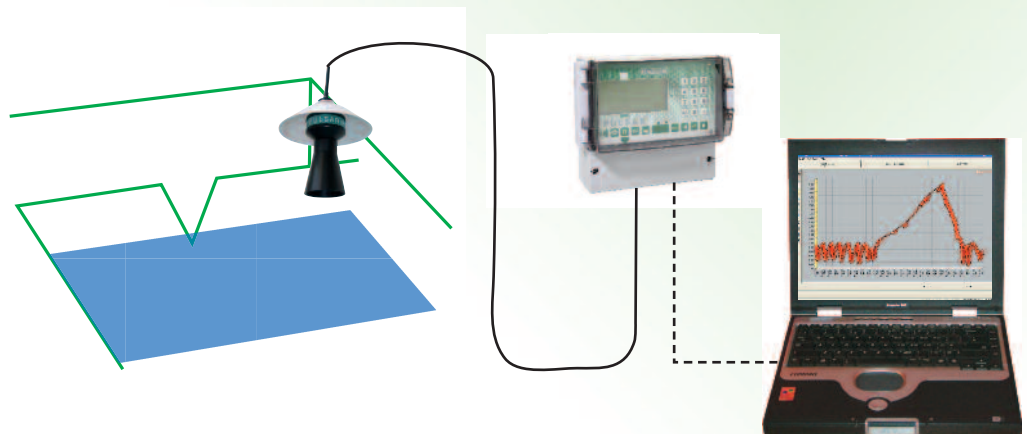


Flo-pak contains the Pulsar *Ultra 3* control and display unit, a dBMACH3 transducer with 10m integral cable, Ultra PC software and connecting cable and all manuals. In addition, Pulsar provides full support for all installations over the telephone and offers on site commissioning if required. A "goal-post" type mounting bracket can be supplied for the transducer.

On-board datalogging provides secure storage for your flow data, with a memory capacity of more than a year. *Ultra 3* gives you an instantaneous readout of flow, with two on-board totalisers. Three relay closures as standard allow you to provide a pulsed output to a sampler or to drive an alarm to warn of high flow rate. The Pulsar dBMACH3 transducer includes temperature compensation and the highest resolution of any transducer on the market to give you terrific accuracy. It can be positioned up to 1000m away from *Ultra 3* and connected using simple 2-core screened cable.

For more information on the individual components of the flo-pak, please consult individual product literature - Ultra 3 & 5, dBMACH3 technical update, and Data Logging technical update.

A typical installation measuring flow through a v-notch weir. The PC connection can be used to both capture logged data and to set up Ultra 3



Pulsar Process Measurement Limited
Cardinal Building, Enigma Commercial Centre, Sandy's Road, Malvern, Worcestershire WR14 1JJ
Tel: +44 (0) 1684 891371, Fax: +44 (0) 1684 575985
e-mail: info@pulsar-pm.com, website: www.pulsar-pm.com
Pulsar Process Measurement Inc.
P.O.Box 5177, 4565 Commercial Drive, Suite 105 Niceville, FL 32578, USA
Tel: +1 850 279 4882, Fax: +1 850 279 4886, info.usa@pulsar-pm.com
© Pulsar is a registered trade mark of Pulsar Process Measurement Limited



Certificate No: 950136
Lit: TU flopak R1b 10/07