

## PORTABLE CLAMP-ON FLOW MEASUREMENT STREAMLINES WATER WELL DEBIT MEASUREMENT

### MEASUREMENT TASK

Supra Indodrill, Indonesia’s leading well drilling company measures water well debit (withdrawal) in oil field applications to monitor the pump performance and to optimise the well’s efficiency. They needed a non-invasive instrument as the V-notch weir or mechanical flowmeter measurements they used took a long while, were inconvenient, made the measurement costly and interrupted the process.

### SOLUTION

A KATflow 200 portable ultrasonic flowmeter was the ideal solution. Supplied complete in an easily transportable IP 67 case, the non-invasive, clamp-on instrument simply requires two compact transducers to be applied to the outside of the pipe. This enables measurements while the well continues to function normally.

According to Aryanggi Iwan, Director of Supra Indodrill, customers are ‘really satisfied’, and Supra Indodrill ‘can measure the debit ten times faster than the conventional method, with higher precision. We are the first water well drilling company in Indonesia to introduce this device, it really improves our service.’

### ADVANTAGES

- Quick and easy installation
- Possibility of measuring different pipe materials and diameters
- Robust, reliable and accurate instrument
- Fast and accurate measurement results
- Cost-effective and convenient
- No interruption of the process

### SPECIFICATIONS

Installation type	Portable
Medium	Water
Pipe material	Various
Pipe diameter	Various
Temperature	Approx. +9 °C

### APPLICATION



Supra Indodrill used a clamp-on KATflow 200 for measurement of debit from water wells in Indonesia.

### INSTRUMENT SOLUTION



The KATflow 200 supplied as a complete kit allows accurate measurements, without interrupting flow from vital water wells.