HYDROLOGICAL SERVICES

VOLUME 1, ISSUE 1

NEWSLETTER

TUESDAY, NOVEMBER 03, 2009

NEW TYPE 'AA' CURRENT METER MODEL RB1

INSIDE THIS ISSUE:

The Hydrological Services Red-Back current meter is our new generation cup-type current meter. It allows the measurement of water flow in streams, open canals, pressure pipes, lakes and seas to a fine degree of accuracy and repeatability, this is due to its advanced contact switching system and interchangeable bucket system that provides trouble free operation.

The meter is made to be used in the most extreme environments and ensures reliable field service for many years.

The RedBack is supplied in a kit which is affordable and user friendly, allowing the operator to measure water flow using a simple traditional method.

FEATURES:

- Robust construction
- Interchangeable buckets in case of damage
- High accuracy ±1%
- Advanced contact switching system
- Minimum starting velocity 0.025m/s
- Maximum Velocity 8.0m/s
- Durable Tungsten Carbide tip pivot and bearing assembly for long lasting replicated motion
- Direct velocity reading when used in conjunction with the CMCsp, PVD100 or HydroMate

RedBack Type 'AA' Current Meter

SPECIAL POINTS OF INTEREST:

- **Hydrological Services is opening new markets worldwide**
- **Hydrological Services will continue to produce high quality products at competitive pricing**
- **Hydrological Services Quality management system is updated to ISO9001: 2008**

NEW GAUGING WINCH MODEL WS400

- Robust, Light weight Construction—Cast Aluminium Drum & Stainless Steel Frame
- Portable
- Automatic Weston Brake – safety brake which lock the drum if the handle is released
- Up to 70 Kgs (154 lb) of lifting capacity
- Depth counter housed within the frame – protected from external damage
- Silver Plated Slipring – conducts signal from sounding drum to the current meter counter
- Single layer of Signal Cable on Drum – prevents damage of internal conductor and premature replacement.
- Single adjustable handle

AD375A WITH ADVANCED TECHNOLOGY

The Hydrological Services Absolute Shaft Encoder model AD375MA is a low powered, computerised shaft encoder designed for field operation to enable measurement of water level. The internal CMOS circuitry enables the encoder to output measured levels in absolute format.

The absolute shaft encoder measures the angular position as the shaft rotates, totalises the signal and outputs either 4 to 20 mA, SDI12 or RS232. This signal relates to absolute level change from a set datum.

The signal can be viewed via the LCD display showing range, resolution, time, date and current water level.

FEATURES

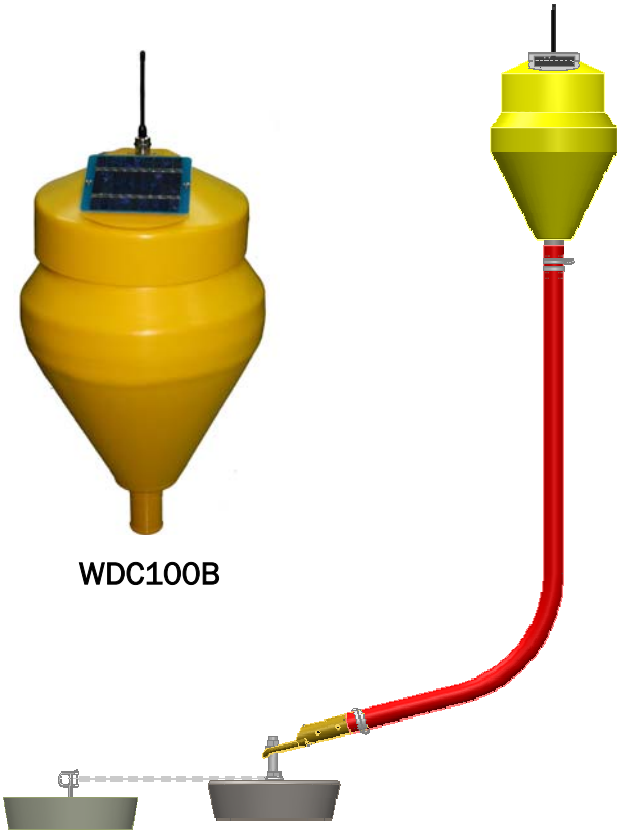
- High Accuracy 0.01% F.S.
- 4-20mA, SDI-12, RS232
- Programmable LCD for level reading, resolution, range
- Takes standard float kits
- Digitises water level readings
- Absolute level readings
- Robust construction
- Lithium battery backup

AD375A with advanced technology

OUTPOST MODEL WDC100/WDC100B

The Hydrological Services Wireless Data Collector WDC100 has been designed using surface mount technology to provide a very small, ultra low power wireless SDI-12 and 4-20mA transmitter / SDI-12 receiver network that can be used in harsh environments for extended periods.

The Wireless Data Collector's primary purpose is to periodically measure various signals at remote locations, including a 4-20mA transducer, up to 9 x SDI-12 data variables and a digital contact closure (rainfall or flow meter input) and to wirelessly transmit the data to a central location and make the data available to a data logger via an SDI-12 interface. A central receiver can collect data from up to 8 separate transmitters, each with a very low power consumption (typically 200uA while asleep) which makes it ideal for remote sites where long battery life is important. The receiver also has an LCD + keys to display the data and set configuration parameters.



WDC100B

"Coming up Electronic Wading Rod & Remote Controlled Sediment Sampler"

We are on the web

Www.hydrologicalservices.com

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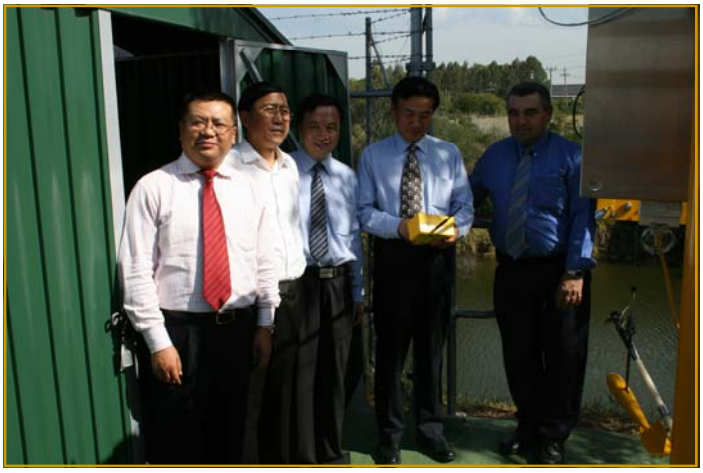
DESIGN, DEVELOPMENT & MANUFACTURING OF SCIENTIFIC INSTRUMENTS & EQUIPMENT FOR WATER LEVEL, WATER FLOW & METEOROLOGY



CHANGJIANG WATER COMMISSION (CHINA) DELEGATES VISITED HYDROLOGICAL SERVICES ON 23/10/2009

ROYAL IRRIGATION DEPARTMENT (THAILAND) CUSTOMERS VISITED HYDROLOGICAL SERVICES ON 30/10/2009

COMING SOON AT HYDROLOGICAL SERVICES

Hydrological Services Pty Ltd continues to develop new products in a regular basis.

Today Hydrological services is in the process of developing a new electronic type wading rod that facilitate, speed and improve the use of current meter gauging.

Moreover, Hydrological Services is developing a state of the art remote controlled sediment sampler with variable speed control, which will improve the method of sampling using accurate vertical speed and accurate timing.

In addition to developing new products, Hydrological Services sales and marketing team is working on opening new market world wide.

Today Hydrological Services is exporting more into the Middle East and Europe.

Our aim is to become a global leader in the manufacturing of scientific instrumentation for the water industry.

Hydrological Services has formed a joint-venture with iQUEST NZ. iQUEST is the manufacture of a wide range of advanced Data Loggers and smart communication modems.

Our management team will continue to improve Hydrological Services core organisation to reach our targets in the world wide market.