



October 2007

Irrigation Instruments

Historical October



8th October 2003

He said "I'll be back" and he was! Former Mr. Universe and Hollywood film star Arnold Schwarzenegger is elected as Governor of California



21st October 1964

Peter George Snell (born Dec. 17th 1938 in Opunake) completes the 800m/1500m double at the Tokyo Olympics. Prior to Tokyo, Snell had never before raced a 1500m



29th October 1982

Lindy Chamberlain is sentenced to life imprisonment for the murder of her 9 week old baby. She had claimed the baby had been killed & eaten by a dingo. The conviction was overturned in September 1988

Pump Safety

Pumps are expensive pieces of hardware and its crucial they are looked after. One of the most common methods used to save pumps involves a Pt-100 sensor and a simple thermostat controller such as the Shimaden SR32 & Jumo eTron (DIN Rail Mount) units below.



**Shimaden SR32 & Jumo eTron units:
Might save you or your client a good few \$\$\$**

The Principle

The temperature of pump windings gives a very good indication of pump performance. To prevent irreparable damage, should the temperature climb beyond a pre-set limit, a contact is activated and the pump stops. Easy.



SR71 (above): Same 'SR' Prefix as the SR32 but not widely used in the irrigation sector



Good Irrigation needs reliable hardware

Jumo Midas

A seasoned performer in many industries, the popular Midas pressure transmitter is available in a variety of ranges.

Available with a choice of electrical connection, the Jumo Midas continues to provide end users with excellent service.

- ◆ Standard 1/4" BSP fitting
- ◆ -1 to +25 bar standard ranges (stocked)*
- ◆ 2 wire 4-20mA output
- ◆ > 4x full scale burst pressure
- ◆ Stainless steel construction

*HIGH PRESSURE UNITS to +400 Bar ALSO STOCKED



Midas: One of the most reliable units we stock

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Intech products are used throughout the wine industry.



Intech: Found Worldwide.

For almost 25 years Intech Instruments have been operating throughout New Zealand, servicing a variety of industries. Our product range is made up of both our own high quality manufactured products plus a range of first class imported items.

Our core business is concerned with supervisory, monitoring and control – utilising hardware and software facilities to provide a host of solutions for end users.

Based in Christchurch, where we have both a sales and service operation, Intech Instruments also have offices in Auckland and Hawkes Bay.

With a combination of industrial experiences and technical skills, Intech are able to provide customers with the best possible solutions for a variety of applications.

Nivelco NIVOCONT. Simple Conductive Level Control

Nivelco produce some great units for all sorts of level control applications - ultrasonic, magnetic float, capacitance and conductive methods.

Irrigation systems commonly use the conductive method to start and stop pumps depending on the bore level.

These unit are also very capable at controlling tank levels - the original application for such units.

Reliable, simple to use and in stock!



Nivelco NIVOCONT Series Level Instruments

JUMO 4390: Clever Level Control



If you need to know the depth of your bore, there is no better unit than the Model 4390-242 by Jumo.

A precision pressure transmitter referenced to atmosphere and a 4-20mA signal to your VSD or data logger provide everything you need for fine control of an irrigation pump station and / or exceptional data monitoring of a bore depth.

A variety of ranges - in stock.

Jumo 4390-242 (left). Excellent



Irrigate all season with Intech's Instruments



Model 4T51

Trumeter Hour Meters

- ◆ Low power consumption.
- ◆ No battery back up required.
- ◆ Solid state electronic drive circuit.
- ◆ Quartz crystal time base for accuracy.
- ◆ Very wide operating temperature range
- ◆ Sealed to IP67/NEMA4X.



Model 4T40-E