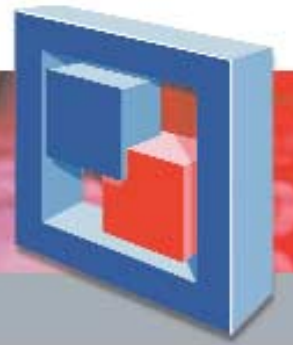


# NEWSLETTER

Haven Automation Limited



## A REVOLUTIONARY NEW PRESSURE CALIBRATION INSTRUMENT AVAILABLE FROM HAVEN

A New Digital Test Gauge, the XP2i, manufactured by Crystal Engineering in the USA is now available exclusively in the UK from Swansea-based Haven Automation Ltd.

This instrument, made from stainless steel, is extremely accurate and is specified in percentage of reading like a dead weight tester (+/- 0.1% of reading from 20% to 100% of full scale), but unlike dead weight testers, it is not affected by ambient temperature (or local gravity). The XP2i is fully temperature compensated over the entire temperature operating range and can also be used to measure vacuum. The display is protected by a hard polycarbonate lens, and circuitry is mounted in elastomer for shock resistance, making the XP2i an extremely rugged test instrument. An optional dual line display allows for peak and live pressure to be shown simultaneously so it is an ideal instrument for relief valve testing. The XP2i is available in ranges from 15psi to 10,000psi with selectable units of measurement.



This is definitely not just another test gauge - one XP2i can replace 2 or 3 test gauges. Once you've seen and held the instrument, we're sure you'll want to include it in your calibration inventory!

**ATEX-APPROVED VERSION SOON TO BE AVAILABLE!**

## NEW THERMOCOUPLE CALIBRATOR FROM PIE



The latest product from PIE (Practical Instrument Electronics) to be added to Haven's portfolio is the Model 522 Thermocouple Calibrator. The 522 is a complete source/read thermocouple calibrator offering high accuracy +/- (0.008% of mV + 0.006mV), cold-junction compensation as well as several useful memory features at an economical price. Haven customers who have assessed the PIE range describe the instruments as: 'easy to operate', 'neat and compact', possessing 'extremely good accuracy'.

*For further information on the full range of PIE instruments available from Haven, please contact our Sales Team or visit our website at: [www.haven.co.uk](http://www.haven.co.uk)*

## SUMMER SPECIAL SPEC-CAL ECLIPSE II PLUS ACCESSORIES

Purchase the NEW Spec Cal Eclipse II Normally £1,800 ex-works  
RECEIVE: 50psi Multical Pressure Module worth £345, Spec-Link Software & RS232 worth £160, UKAS Calibration Certificate worth £145

**All For: £1,900.00 ex-works TOTAL SAVING OF £550**

UKAS Calibration Certificate issued by Haven Automation Laboratory No: 0295.



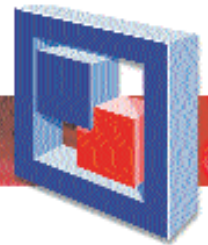
**For further information: FREEPHONE 0800 018 8722**

### HAVEN AUTOMATION LTD.

## COMPLETES KEYMED HQ CONTRACT

Haven has recently completed a major contract to supply and fit workplace furniture to KeyMed (Medical & Industrial Equipment) Ltd.'s new purpose-built service centre at their headquarters in Southend-on-Sea, Essex. The extensive contract included the provision of furniture for KeyMed's offices, stores, repair, inspection, test and training departments.

Haven is the sole UK agent for the InForm® System of modular furniture from Elabo GmbH. The InForm® System combines high quality with enormous versatility, providing a modern workplace environment for most corporate departments including quality, IT, research, training, development and testing. The InForm® System is made using an all round steel frame and cross beam, with extruded aluminium multi-slotted leg section, for mounting additional modular elements. The InForm® System table top has a laminated hard plastic surface, with its generously dimensioned rear cable duct and cable access vent forming the basis of the system. The wide range of accessories available can be combined to suit a customer's individual requirements and can incorporate test and measurement instrumentation to provide a fully functional workbench system.



## HAVEN AT 'INSTRUMENTATION SCOTLAND 2004'

Having already exhibited so far this year at 'MTEC' in Birmingham in February and 'Instrumentation North' in Leeds in April, Haven's full range of products will once again be on show on their Stand (Number 510) at the forthcoming 'Instrumentation Scotland 2004 & Offshore Systems' at the AECC, Aberdeen on 8th and 9th September.

Louise Rees, Sales Administration Manager said 'We are looking forward to 'Instrumentation Scotland' as it will allow us to meet up with a number of our existing customers in the Oil and Gas Industry, as well as many more potential new customers.'



## NEW MINICAL® IV DC CURRENT AND VOLTAGE CALIBRATOR

Haven Automation Ltd. has upgraded its popular DC Current and Voltage hand-held Calibrator, the Minical® III and can now offer the Minical® IV which features a more modern and user-friendly fascia combined with the high accuracy and reliability found in previous models. In addition, the incorporation of new circuitry reduces the build cost and enables Haven to offer the Minical® IV at a highly competitive price.



The Minical® IV will calibrate from micro-volt and micro-amp levels to over 100mV/50mA in both read and generate modes, with the added ability to generate up to 12V DC and to read up to 20V DC. The Minical® IV also acts as a 4-20mA Transmitter Simulator, which will operate in powered or unpowered loops.

The Minical® IV is supplied complete with a fully-traceable UKAS certificate issued by Haven's laboratories (No. 0295).

Designed by [www.bluesky-media.net](http://www.bluesky-media.net)

## HAVEN TEST BENCHES IN SERVICE AROUND THE WORLD

Since its formation in 1965, Haven has become particularly well-known in the Oil & Gas Industry for the quality and reliability of its instrument test benches which are in service around the world, from the hostile environment of North Sea oil and gas platforms to the equally demanding Middle Eastern deserts.

Haven combines the latest 'Inform®' furniture for which it is the sole UK agent, with its own accurate calibration equipment to provide a reliable and efficient workshop solution. The functional, modular design allows the customer to specify their exact requirements which Haven engineers will incorporate into a custom-made model. Electrical, pressure and temperature calibration requirements can be catered for in a single unit.

Arthur Davies would be pleased to discuss any current or future project with a customer in order to achieve the optimum design solution.



[www.haven.co.uk](http://www.haven.co.uk)

## NEW Product CD

A new product CD is now available which details Haven's full range of products and services including the latest additions from the PIE range of hand-held calibrators.

Please contact Louise Rees or Kate Jones in Haven's Sales Team to request a copy.



## Haven Automation Limited

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