



Pressure Tech Newsletter

Product Innovation

Pressure Tech invests a great deal of time and effort in R&D. Led by our customers, we are continuously developing new and existing products, responding to customer needs and using the latest technical innovations to improve operational performance. This quarter we are showcasing our new BIBS regulator used in the commercial diving industry.

BIBS Regulator

Pressure Tech continues to show our commitment in supporting the diving market with the development of the BIBS-300 regulator. The BIBS regulator is used to dump exhaled air from within pressurised hyperbaric chambers and has been tested to simulate hyperbaric pressure conditions at 35bar. The finely balanced main valve and large elastomeric sensing diaphragm provides accurate control, with a flow capacity of Cv 2, sufficient for about eight BIBS masks.

The regulator is available in 316SS or Brass, and has ½” or ¾” ports as standard. Oxygen cleaning to ASTM:G93 standard is also an option.

To see the BIBS-300 in operation, click the following link to view the testing performed at SMP, Preston: <https://vimeo.com/152169973>



For more information contact sales@pressure-tech.com or click on this link to go to our website www.pressure-tech.com

FEATURED PRODUCTS

MF101 with tracking feature offers immediate return on investment

Automated Acoustic Well Sounder (AAWS) uses seismic pressure testing to monitor wells and survey pools, typically in remote fields. The seismic pressure test relies on measuring the well pressure and applying a seismic shock at a relative and consistent differential pressure. Our customer relied on a site engineer to visit various sites throughout Canada to measure the well pressure and adjust the seismic test pressure accordingly. With various tests performed throughout the day and various sites across the region, this was a costly manual process. Pressure Tech adapted our MF101 pressure reducing-regulator to include a tracking reference port to the spring chamber. The design simply tracks the well pressure and the biased load spring applies an additional 7bar/100psi to the seismic test equipment. The automated mechanical design saves against electrical alternative options, which need to be certified for use in hazardous areas and are expensive to purchase. Saving the cost of the engineer and associated travel expenses means the MF-101T provided a return on investment within a matter of days. Contact sales@pressure-tech.com for further information.

WEBSITE NEWS

Buying regulators via our website - Simple, slick, safe

The Pressure Tech e-commerce website is receiving positive feedback from many of our customers. The ability to select the material, pressure ranges, seat materials, port sizes, etc, make it easy to generate the correct part number. The unique ability to select inlet and outlet ports, including gauge ports, from the outline model makes it very simple to select the correct orientation and create the exact model number from our standard series. By registering and logging on to the website, it is possible to generate your own quotes in a matter of minutes – and convert to orders even faster. Prices are displayed in GBP, USD or Euros depending on customers’ requirements. Our latest update to the site allows various quotes to be saved, which means you can store them against individual projects for future reference.

Pressure Tech have also teamed up with Worldpay to allow credit card transactions to be made safely on line. Customers with accounts set up with Pressure Tech can simply process orders against their agreed terms of credit. www.pressure-tech.com

WINNING BUSINESS

Pressure Tech wins supply contract to Shell’s Appomattox project

Pressure Tech are delighted to announce we have secured the contract for the supply of our LF690 for the Shell Appomattox project. The LF690, a unique ceramic seated hydraulic reducing regulator, passed rigorous testing by our customer, a major supplier of HPUs and IWOCs based in Houston. The testing regime was representative of typical field applications and included repeatability of the set point, with 100% reliability across varying flow-rates and differential pressure. The regulator maintained downstream pressure within +/-2% of set point with stable control and no chattering. Even under maximum differential pressure and full flow conditions, the LF690 regulator successfully passed all tests, with no significant degradation of performance. Pressure Tech’s LF690 is a stable and high performing regulator specifically designed for water glycol applications.

To discuss with us how any of our hydraulic regulators can benefit your project, please email sales@pressure-tech.com

Our Apprenticeship Scheme



Working with the University of Sheffield's Advanced Manufacturing Research Group, we offer our younger staff the opportunity of an Engineering Apprenticeship. The AMRC is highly regarded as a centre of excellence for apprentice training. Tom Wood, our Finishing Engineer, is currently undertaking the first year of his Engineering Apprenticeship, studying full time in Sheffield, and has recently received a glowing report, with excellent grades across all aspects of the course. All the team at Pressure Tech congratulates Tom on his excellent report.



Events

Subsea Expo 2016

After the success of last years show, Pressure Tech decided to exhibit at Subsea Expo, in Aberdeen, for the second year running. We met existing and new customers, helping them to discover more about our incredible range of Pressure Regulators.

Underwater

Intervention 2016

February 23rd - 25th, Pressure Tech exhibited at Underwater Intervention, New Orleans for the second year.

Topsides UK 2016

The UK and Europe's first and only topsides focused exhibition. Over two days at the Aberdeen Exhibition and Conference Centre, Pressure Tech attended Topsides UK on Wed 16/03/16 and Thu 17/03/16.

NEW PEOPLE

Pressure Tech welcomes our new team members

Deborah Nugent Cowsill - Operations Director

Pressure Tech welcomes Deborah to the team as Operations Director, working alongside Steve Yorke-Robinson, MD. Having previously worked with Pressure Tech as Interim Operations Director, leading a change programme resulting in significant increase in turnover, Deborah returns to deliver a number of strategic projects focused on growing the business. With considerable experience working with SMEs across private and not-for-profit businesses at leadership and Board level, Deborah is a NLP Practitioner and her work is underpinned with a MBA. Spare time is spent with her family, mountaineering, climbing and skiing. Deborah is also a Trustee of Beacon Counselling, a Stockport based counselling service charity.



Bradley Garlick - Stores Engineer

As an experienced Stores Engineer, Brad joins Pressure Tech to run our stores, making sure that our Assembly team has all the parts needed to build and ship products to our customers on time. On time delivery is one of our key business metrics and this critical position is vital to the success of our business. Outside of work, Bradley is a qualified painter and decorator, and runs a mobile DJ and karaoke business.



IN THE COMMUNITY

Community projects and charity events



Andy, our Regional Sales Engineer, is running the Edinburgh Marathon in May to raise funds for Alzheimer Scotland, in memory of his Grandmother who recently passed away. This is Andy's Just Giving page, if you'd like to sponsor him, just follow the link <https://www.justgiving.com/Andrew-Carruthers3/>

I want to raise money and awareness for Alzheimer Scotland who help thousands of people across the country. There are 850,000 people with dementia in the UK, with numbers set to rise to over 1 million by 2025, soaring to 2 million by 2051. If, like me, you have a loved one suffering from Alzheimer's, you will know how difficult and volatile this condition can "be". Alzheimer Scotland helps carers, professional and family and friends, so deserving of help and recognition. Please sponsor me and help the 225,000 people who will develop dementia this year, that's one every three minutes. Thanks, Andy"



Dan, the son of our Service Engineer Martin, is running the London Marathon in May to raise funds for Mind, in memory of his sister Lauren.

This is Dan's charity page, if you'd like to sponsor him, please click <https://www.virginmoneygiving.com/danoldhamlondonmarathon2016forloz/>

Dan has previously run the London Marathon in a time of 3 hours14 and is aiming to complete the race in less than three hours this year. Good luck Dan!

Roughley egg run is an annual event involving hundreds of generous bikers including Kevin, one of our CNC Engineers. The group collects Easter eggs and donations for the Francis House Children's Hospice (Didsbury) and The Together Trust (Cheadle). These organisations provide care, education and support services for children and young people with autism, learning difficulties, physical disabilities and complex emotional and behavioural difficulties. Kevin will be on his bike this weekend, Sunday 20th April. If you would like find out more about Kevin's charity please follow the link: <http://www.roughleysbikeshow.com/#!/egg-run-2016/cc8g>

