



When accuracy and precision matter

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## OPEN DAY

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In September, we opened our doors to our customers and suppliers for a special afternoon celebrating our 20th year in business and our new offices. After a guided tour of our premises, our visitors were free to mingle with staff and each other - and with our acclaimed guests, real road racer Rob Barber and local shooting star Charlie Soanes. Many of our guests positively commented on the variety services we offer, some of which they were unaware of, and how spectacular the new building is.



Our visitors and staff enjoying chatting and, of course, their hog roasts!

After looking around Rob Barber's impressive motorcycle, used in this year's Isle of Man TT races and chatting to Charlie about his latest shooting events (more on that later), everyone tucked into the long-awaited and very delicious hog roast provided by [Lilwalls Hog Roasts Ltd.](#)

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## RENOVATED RENTALS

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As many of you are aware, we have an extensive variety of equipment which we lease out to our customers. We are currently in the middle of an overhaul of our data logging hire equipment and we will begin to update the ALX units to MALII units.

Remember though, it's not just dataloggers we hire out - our equipment ranges from Subsea MPI equipment to amp clamps!

If you would like further information about our fleet or to arrange for equipment hire, please contact David Goodchild at TVC via email:

[Davidgoodchild@tvcalx.co.uk](mailto:Davidgoodchild@tvcalx.co.uk)

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## CHARITY STARTS AT TVC

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We would like to congratulate our staff for being incredibly active in raising money for charity this year. So far our staff have raised nearly £500 which has helped [Cancer Research UK](#) including the [Bobby Moore Fund](#) and [Race for Life](#), and also [Macmillan Cancer Support](#). Some are even giving up their Christmas Day to volunteer at a local charity event, known as [Open Christmas](#) which aims to provide a warm and festive meal for people who are alone at Christmas or cannot afford to eat.



PRB Racing's mean machine

We were also presented with a rather wonderful cake from one of our technician's wives'. She is studying cake decoration and bakes the most beautiful cakes - everyone enjoyed eating our MALIII unit! If you would like to check out any of her other creations, visit her Facebook page [here](#)



Our MALIII unit - in cake form!

It was a fantastic afternoon and a special thanks goes out to our staff who really helped make the day happen.

## BINDT Materials Testing 2015



Our stands at MT2015 with the Bloohound SSC just visible in the background



As a company we officially donate to the [East Anglian Air Ambulance](#) every year instead of sending out Christmas cards and we're delighted that our staff have such generosity hearts - keep it up guys!

## UKAS 17025

We are currently looking into expanding the level of certification that we can offer our clients and are very close to implementing ISO 17025 accreditation. This will enable us to offer more detailed and specific competences to our customers.

If you would like to know more about TVC's implementation of this ISO, contact Frank Cliff on the main switchboard number at the bottom of this email.

World Standards Day was at the beginning of October and this [short, fun video](#) on the ISO YouTube Channel looks at why we need standards and what would happen in a world without them.

## NDT THROUGH THE AGES

We sometimes take for granted the equipment we use from day to day, it's just another tool, however, they have been developed for many years - centuries for some! Take a look at these vintage photos:

[BINDT](#)'s Material Testing exhibition, held in Telford, [attracted record numbers of visitors](#) this year and we were thrilled to have taken part in this illustrious event.

Our stands had a prominent position and was almost opposite the Bloodhound SSC display. We extended and redesigned our stands this year and certainly gained a lot of attention - especially with Rob Barber's bike there! Rob was kind enough to bring the bike to the exhibition for us and even stayed for the first day and chatted with visitors to the stand. If you head over to our [YouTube channel](#), there are some short (and slightly shaky!) walk-around videos of our stand, the IOMTT bike and the Bloodhound SSC.

Strangely, the very weekend after the MT2015 exhibitions, we had a visitor here in Great Yarmouth - the Bloodhound SSC! A [new annual event](#), GY Wheels, based in the seafront area of the town was host to not only the supersonic car but many others too, [from vintage to crazy](#)! Although not here to say hello to TVC, it was good to see it generate some excitement within the local community.

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## HELPING TURN MIRRORS INTO WINDOWS

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The NDT world in which we operate is becoming more complex as technologies move forward and regulations for safety and trade become more exacting and complex. With welding schools covering subjects from design of structures to metallurgy, the correct equipment will not only enhance the students education but also allow them to use instruments which they will use in the field, not just within an educational setting. Which is where we come in:



An original Fahrenheit thermometer, c.1700s



The Great Gas Establishment, Brick Lane, London, 1821



A UT Set from c.1950s



# Knowledge will bring you the opportunity to make a difference



We supply our data logging units and software free of charge to UK and International educational institutes, including a recent agreement with Fronius India.

- Helping shape young welders knowledge as they work
- Encouraging problem solving ability
- Helping the understanding of graphs typically used in the field
- Encouraging good monitoring practice to ensure the highest quality and safety standards are met

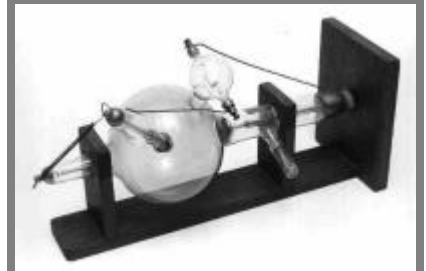


With occupational shortages in the UK for specialised welders and engineers, assisting institutes can help the industry; we will have graduates who are able to recognise the processes and quality standards set internationally with ease, enabling them to gain the experience essential to demanding jobs with the knowledge and confidence to work through any issues they might encounter.

Showing students how knowledge is applied also enables them to take on roles or follow paths they may not have normally chosen; knowing how information relates to each part of a project may lead them to producing innovations which could technologically advance the industry.



Welders, c.1918



An X-Ray Tube from c.1912

**DON'T FORGET TO CONNECT!**

There are lots of different ways you can connect with us...



## SHOOT TO WIN

During August Charlie Soanes competed in the Norfolk Skeet championship, as there was no Colt class he had to compete against the Juniors where he came a credible 2<sup>nd</sup>, shooting 85 out of 100. On Thursday the 6<sup>th</sup> Aug he will be shooting in the Norfolk Skeet doubles championship.

Visit our website at  
[www.tvcalx.co.uk](http://www.tvcalx.co.uk)

Call our expert sales team on  
+ 44 (0) 1493 443800

Email us at [sales@tvcalx.co.uk](mailto:sales@tvcalx.co.uk)



Charlie then won the Junior class at two very popular and well attended charity shoots (in excess of over 160 entries!) the Brian Cross Memorial Shoot and also the North Creake in aid of Heritage House Day Care Centre, in September.



Philip Thorrold Academy, where Charlie trains, expect Charlie will be one of the Top 5 Colts in the country by this time next year, far exceeding his personal hopes of being in the Top 10!

We are over the moon to announce that our enigmatic racer, Rob Barber, is back on his bike after breaking not only his collar bone this year, but his foot too! Despite not being fully healed, he was too eager to get back to his thrill seeking and took to his bike again in September – taking 3<sup>rd</sup> place trophy at Three Sisters Race Track.



We'll keep you updated with both Charlie and Rob's adventures in our next edition.

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## DATA LOGGING AND GAS MEASUREMENT - THE EASY WAY

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In a world where every second wasted is money lost, why would you want to spend hours charging equipment? If you've had a hard, long day, do you really want to spend hours on maintenance?

You could carry on lugging numerous pieces of heavy or delicate equipment around with you but wouldn't it be great if you could just measure every detail in one go?

'I don't want to pay out for loads of buttons I'm not going to press!', we hear you cry. Wouldn't it be wonderful to tailor equipment to what you want, not to what you're told you want and the price tag that goes with it?

If these are questions you ask yourself, then you need to take a look at our brand new Mini Arc Logger III....here's some stats:

MMA/MIG/TIG (AC/DC)/SMAW/FCAW/SAW Weld Applications

Maximum Dimensions of 355 x 255 x 188 mm

5.7-inch Full-Colour TFT Screen

4GB Removable Flash Drive Memory

Sealed Lead-Acid Rechargeable Battery

0 - 50°C Temperature Range

Manual/Semi-Auto/Fully-Auto/Robotic Techniques

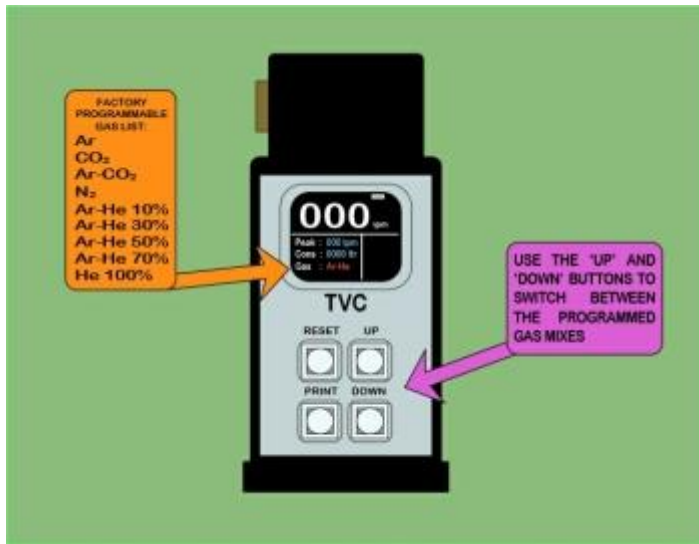
Weighs 9Kg (Including Probes & Charger)

External 90-240V AC (3-4 Hour Recharge) Battery Charger

External Dot-Matrix Printer/2 x 1-60 secs Print Rate (User Selectable Print Rates)

Average Current, Average Voltage, Average Wire Speed, Average Travel Speed, Average Gas Flow, Temperature, Arc Time, Arc Energy, Heat Input, Wire Consumed, Gas Consumed, Gas Flow, Weld Length and....Auxiliary input can be factory configured 0 - 5V DC, 0 - 10V DC, 0-20mA, 4 - 20mA for O<sub>2</sub>, CO<sub>2</sub> and other equipment!

In addition, our Nozzle Flow Meter 2 (NFM2) can be factory set with any and all gases which need monitoring. It's so simple to use and can measure right at the nozzle...which means money saved...just make sure it's set on the right gas mix! Here's how:



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