



THE RANGES





The Ranges is home to Wiltshire Ballistic Services, a well-established ballistic testing facility with nearly 30 years' experience; carrying out ballistic testing to customers' requirements, specialising in the testing of bullet and projectile-resistant materials, weapons and ammunition, certifying them to a wide range of ballistic standards.

Wiltshire Ballistic Services has a wide range of instrumentation for the assessment of projectile velocity, internal ballistics and electronic scoring, all of which are calibrated and certified, accuracy and repeatability is assured.

The Ranges is also home to the Wiltshire Shooting Centre where you will find a large selection of firearms, ammunition and accessories, as well as, indoor 25 and 50 yard ranges which are open to members and pay-as-you-shoot days. Equipped with state-of-the-art targeting systems allowing you to practice and improve.

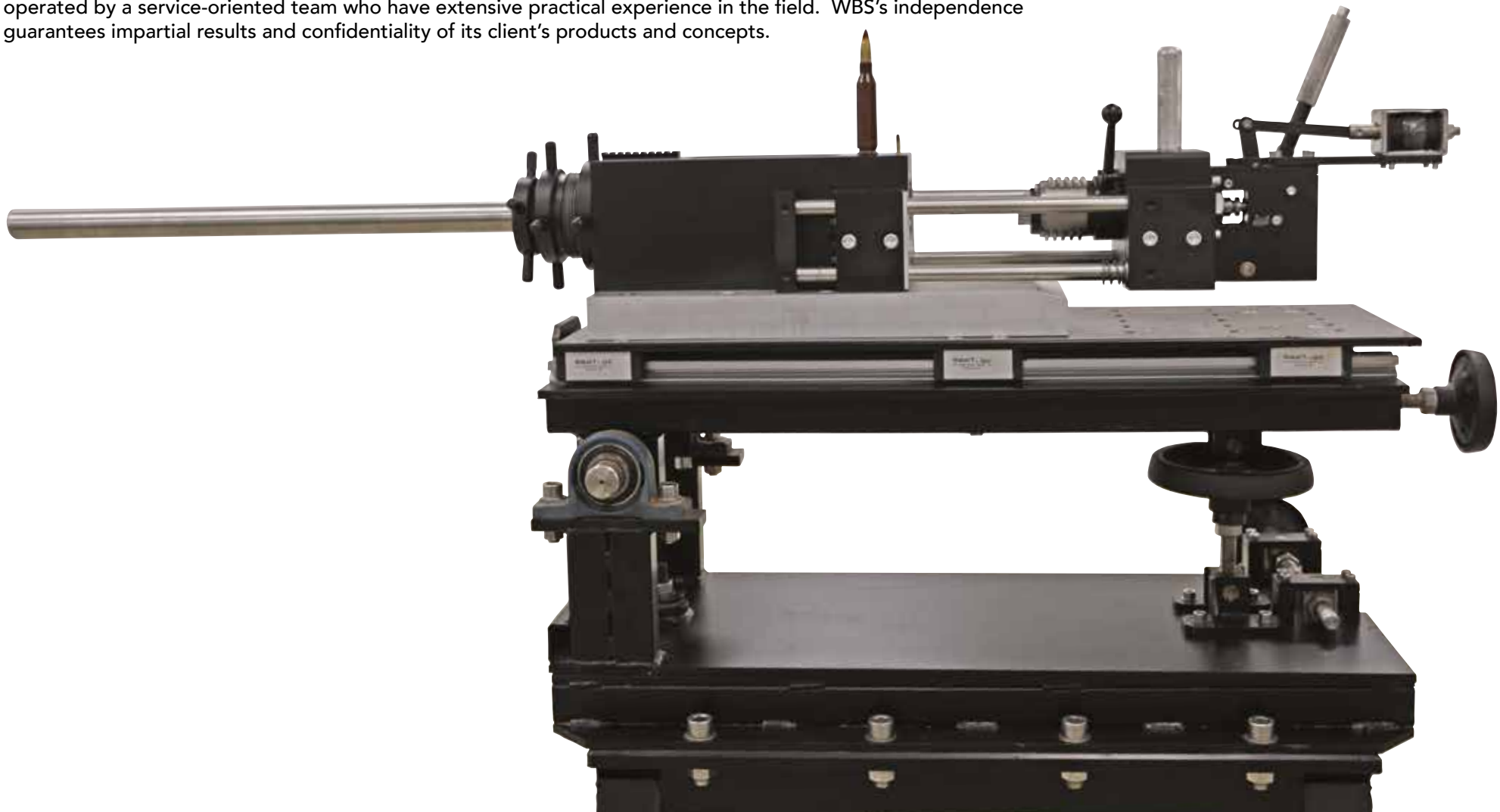
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WILTSHIRE BALLISTIC SERVICES

Wiltshire Ballistic Services Ltd (WBS) is a dedicated ballistic test facility and indoor trials and demonstration range that has been undertaking ballistic trials for nearly 30 years. It offers secure, indoor firing ranges in Devizes, Wiltshire, as well as ballistic testing at partner outdoor ranges. WBS specialises in the testing of bullet and projectile resistant materials, including stab testing.

Independent from any weapon or armour manufacturers, quality approved to ISO 9001 and MOD Approved, WBS offers a full range of testing to international standards. Accessible whatever the weather, WBS offers test facilities unparalleled in the UK, using the most up-to-date and sophisticated instrumentation available. It is operated by a service-oriented team who have extensive practical experience in the field. WBS's independence guarantees impartial results and confidentiality of its client's products and concepts.





With the guidance and proactive assistance of our team, you can have complete confidence, dealing with a true centre of excellence, which represents the best opportunity to develop a product for your own market or customer. We can provide a bespoke service to supply all ballistic testing equipment including weapons, universal mounts, sample holders and instrumentation, for all natures of ammunition from 9mm to 40mm.

Working with our partners, we can test all samples, vehicles and building materials against small arms, cannon, bomb and IED attack.

We are able to provide an unbiased verification and validation of weapons, ammunition and materials for supply to the MoD, Police and other services. The company is also approved to handle classified material.

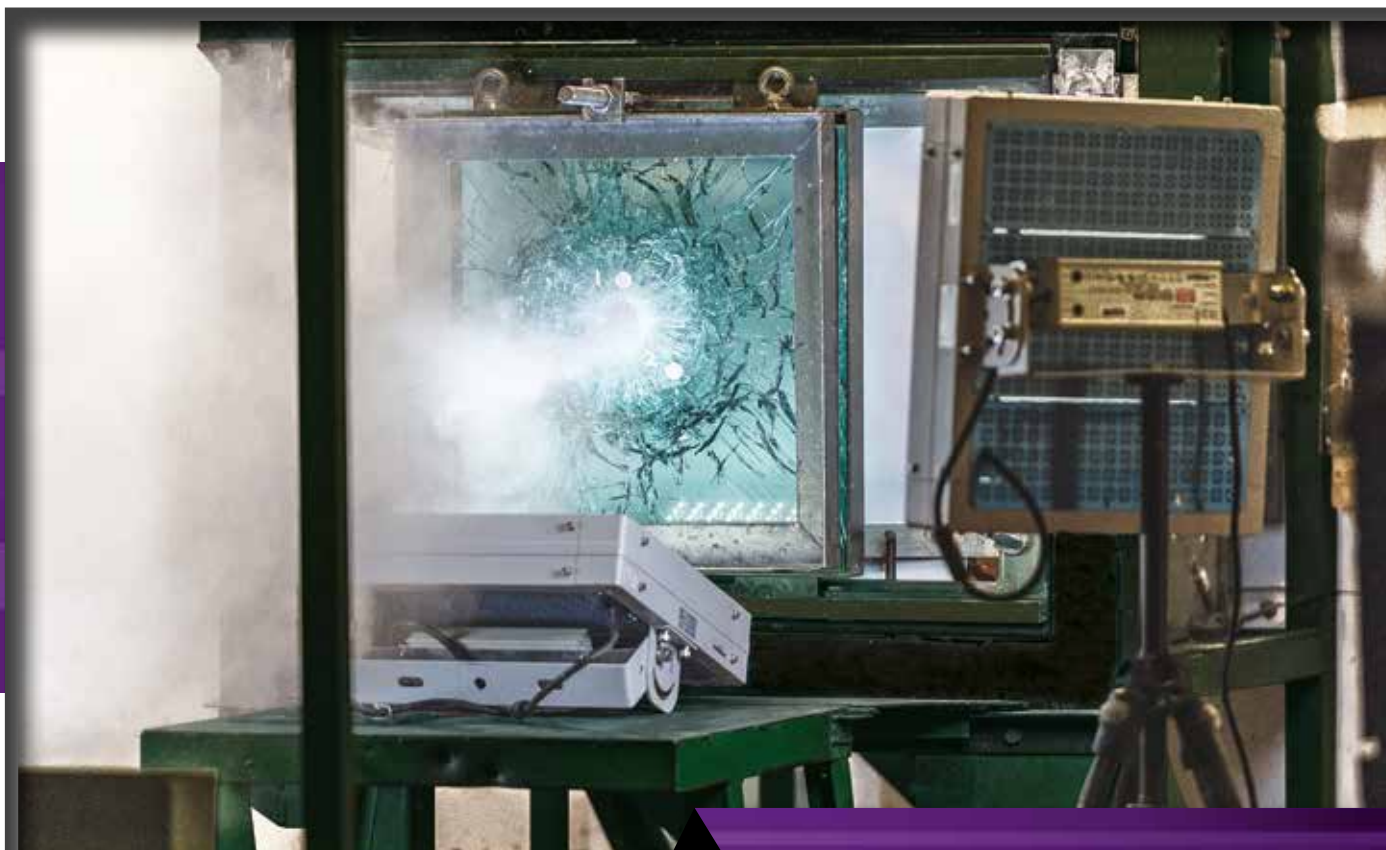
Wiltshire Ballistic Services has its own on-site conference room with internet access and presentation facilities as well as kitchen amenities. We also offer convenient, no hassle parking next to the range, with the Restaurants and Hotels of Devizes within easy walking distance.

Product Research Development - A ballistic / bullet counter and screen





Wiltshire Ballistic Services have a wealth of experience and staff who are happy to advise customers in the requirements of different standards and with the initial testing of products. This is provided whilst ensuring commercial and product confidentiality for each of our clients.



Wiltshire Ballistic Services have been working in conjunction with a specialist company who design and build glazing screens and frames to provide protection against ballistic attack for various applications including financial institutions, embassies, prisons, post offices and service stations.



Our customer's development team had been working on an initial design of a ballistic/bullet counter and screen to meet the requirements of the British Standard EN1522:1999 and EN1523:1998 threat level FB6.

Initial testing by our ballistic technicians found that shots were being held by the pass tray in the counter, however, both small amounts of spall and lead dust from the bullet were passing from the cash tray and

through the cash tray slide leaving small dents in the witness. Under the British Standard this is represented as a fail.

As experts in their field, our ballistic teams were able to identify the exact area of failure for the customer, this allowed them to make amendments to the system ready for a retriial to the standard required. This was achieved by using our experience along with other methods of collecting evidence.

Our customer was under great pressure from their client to provide certification prior to the sign off of a large contract, Wiltshire Ballistic Services were able to assist by clearing extra time in their schedule to allow the customer to return two days later with an amended system and carry out certification tests. To the customer's delight it passed and they were able to present their report later the same day and receive signature on the contract.

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SUMMARY

Requirement

- British Standard EN1522:1999
- EN1523:1998 threat level FB6

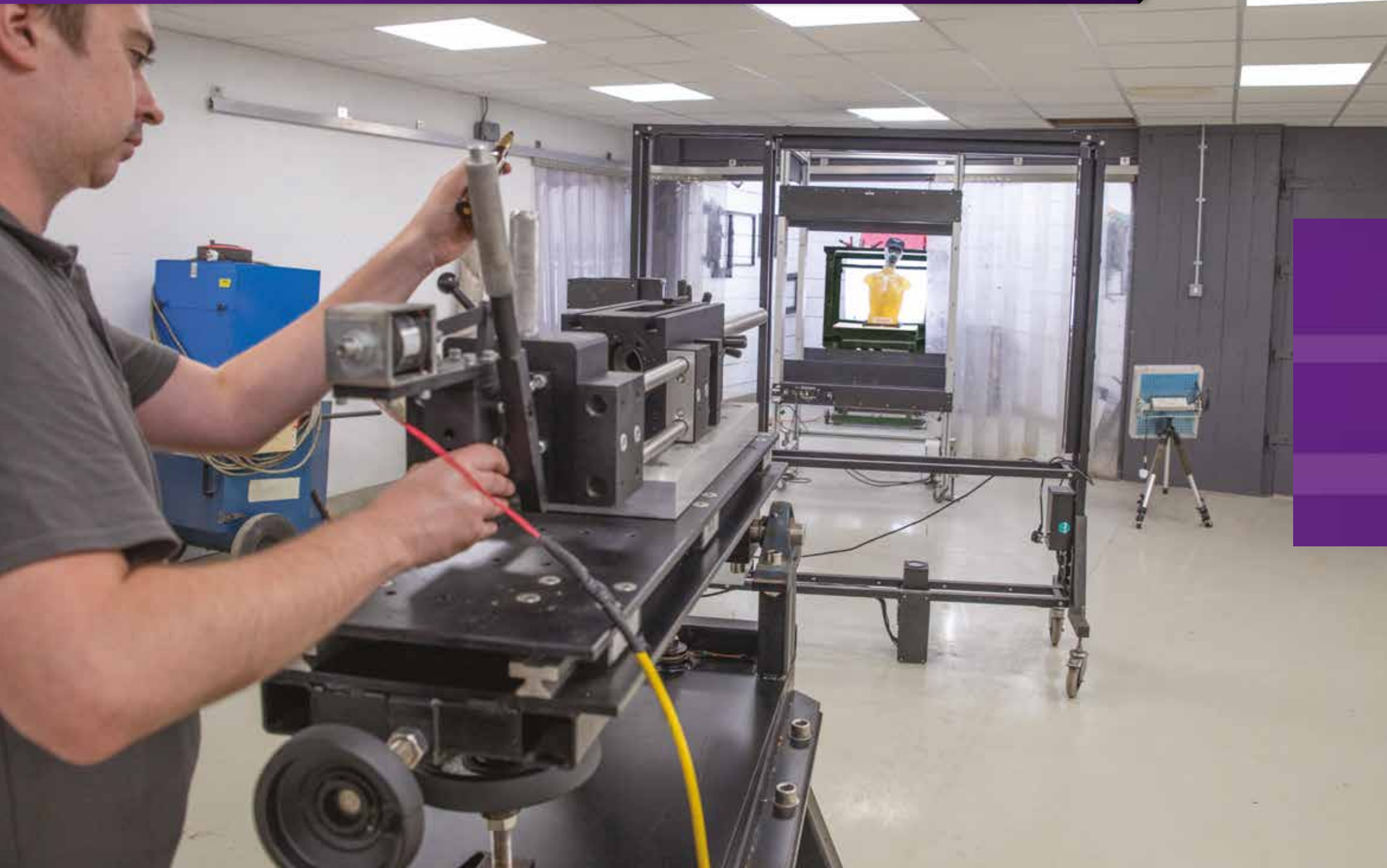
Applications

- Financial institutions
- Embassies
- Prisons
- Post offices
- Service stations

After initial testing, areas of failure were identified, allowing our customer to complete further development and return for a successful retest.



Consistency of Service within Product Testing





Wiltshire Ballistic Services complete testing to UK and International Standards. We are able to offer consistent test methods over an elongated period of time so customers can choose our company, safe in the knowledge that we have the experience to deliver consistency of service, time and time again.



We have many returning companies who use our services to test new products. To ensure the ballistic integrity is upheld over a period of time we also have several customers with long term projects who are product testing regularly. This is a service we can offer to ensure your product meets all the required standards.



One company, for example, have been using the test services at our range to age test several panels over the past year. Every two months our customer returns with the panels, which have previously been shot, for further testing. It is imperative that these panels are shot accurately using ammunition and velocities matching previous data. Wiltshire Ballistic Services keep a record of all tests for you, in report form, for ongoing reference or archiving to ensure your tests and data records are completed correctly.

This particular customer chooses to remove the panels between testing for further ageing. However, if this is not convenient for you, we have the facilities to retain panels on behalf of our customers in a secure and safe environment. We can also offer an accelerated ageing process as a contracted service - this allows panels to be aged so tests can be completed much earlier. As an average, six and a half weeks of accelerated ageing is the equivalent to a year in real time.

Each set of tests is recorded and collated in a report given to the customer to enable further analysis and comparison. Wiltshire Ballistic Service are confident in the consistency of the shots during testing on our premises, this enables our customers to relate any unexpected data to the panel itself and not the process of testing.

Due to our exacting methods of testing our customers are able to offer warranty on their products and to determine a length of life for the product or any servicing requirements.



SUMMARY

Consistent shot retest ability

Data collection and archiving

Accelerated aging for warranty testing

Ammunition Requirements and Supply





Wiltshire Ballistic Services assist our customers with their ammunition requirements. With a wealth of experience, our staff, are very happy to pass on their knowledge and assist customers in the selection of ammunition to meet their needs. This can include providing information regarding reloading, advice for research, development of products and ammunition needs.



We have been working with our specialist ammunition suppliers for over 30 years. Our suppliers have exacting requirements which are absolutely necessary when dealing with ammunition to be used to meet National and Internal Ballistic Testing Standards. From head-weight to powder type, the consistency of the ammunition is imperative to obtain results which meet or exceed our customer's requirements. As is often the case these days, some older ammunition is unavailable and we work with suppliers to development surrogate ammunition which is then used with the certifying bodies agreement to meet the specifications of their standards.



As experts in our field, we purchase large numbers of ammunition for our own use and that of customers. Within our ballistic testing range we hold over 250,000 rounds of ammunition for testing purposes – some of which were manufactured as long ago as the second World War. Our shop also provides ammunition for resale with a quantity of over 100,000 rounds. As rounds of ammunition require very careful storage to ensure their longevity, we can also advise our customers on the best type of storage to meet varied requirements.

We can also offer a bespoke system which meets the very strict firearms regulations within the UK – for our shop this is via an EPOS system which allows sales directly to the general public keeping copies of licences and amounts sold and automatically providing paperwork required by the Police Force relating to these purchases. Within the Ballistic Laboratory field, we have a system which allocates ammunition prior to test, and when used reduces stock of ammunition held.

The EPOS system will also advise when reordering is required, amend cost prices to reflect stock held and provide depreciation of assets over a selected period. We are then able to advise our customers with up-to-date information.



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SUMMARY

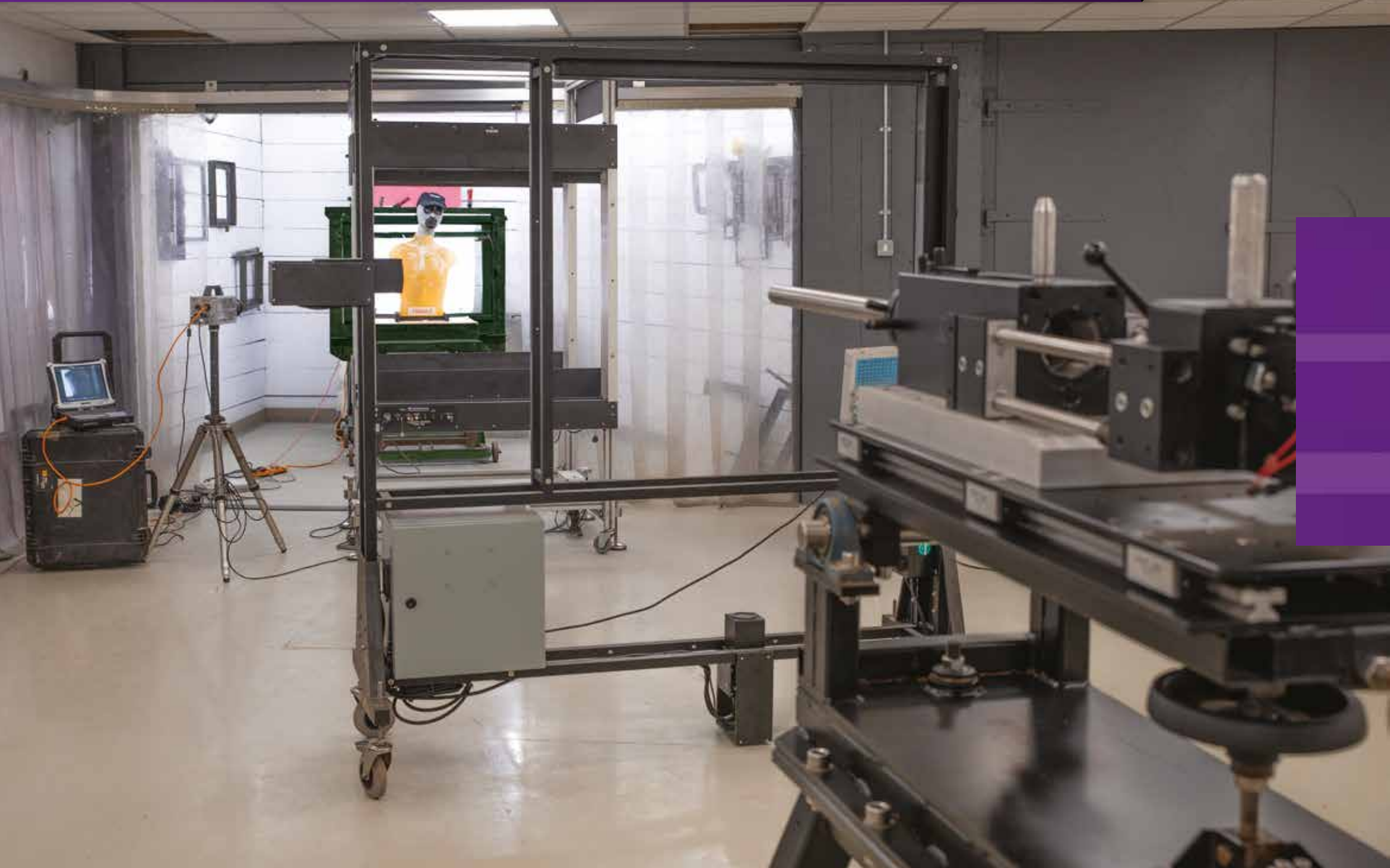
Full ammunition registering EPOS system

250,000 testing rounds

Pre WW2 testing rounds

100,000 resale rounds

Ballistic Portal





The Wiltshire Ballistic Services (WBS) Ballistic portal is a unique package which enables you, the customer, to monitor your trial from beginning to end. The portal enables you to view your trial externally with live footage of the trial itself, you will also be able to monitor trail data and reporting, CRM and Accountancy alongside Ammunition Registers, Test Asset Management and Trial Calibrations as well as view high speed camera footage once uploaded.

Designed and Developed by WBS this portal enables both WBS and the customer to fully engage with their trial using one portal / software access point. This reduces any admin errors of data transfer or complications which may occur with the various platforms currently in the market place.

The portal is available to purchase via a modular license system to enable you to allow external viewing of trials at your own test facility with the enhanced range data collection.

THE RANGES Facilities

For those looking for something different in a safe and professional environment, The Ranges offer a variety of packages suitable for small corporate events and meetings to team building and training days to birthday parties.





A range day and shooting experience is a great team building exercise or even just a fun day out for clients.

Using our viewing area your meeting will be held next to our testing bay. A general day consists of your corporate meeting in the morning with lunch and refreshments available, followed by break out groups for ballistic testing and / or time on our indoor range practicing your shooting skills. The staff are on-site to help and for safety precautions.

There can be a mini shooting competition arranged and certificates produced. We cater for all levels of experience, for those of your team who want to learn how to handle an air rifle or pistol, or, for those wanting to improve with a little help from a professional, your party can learn to handle different firearms and work on your aim. Your day can be tailored to suit your needs.

Our testing facilities have been used for TV documentaries accommodating magicians

catching bullets through to Julia Bradbury. It's the ideal location for sales meetings, team building and mini conferences offering that remember-able point of difference with the range day element included.

Please be aware that with the viewing area is in the middle of the old railway tunnel so you have the added benefit of no mobile reception should you need the full attention of your guests. Wi-Fi access is available and reception is plentiful during breaks at the front of the tunnel.

WILTSHIRE SHOOTING CENTRE





The Ranges also include a shop, Wiltshire Shooting Centre, where you will find a large selection of firearms, including pistols, shotguns, air guns and rifles. The shop is well stocked with ammunition carrying brands such as Hornady, RCBS, Sierra, Winchester, Speer, Lapua, CCI, Nosler, Norma, Hodgsons, Accurate, Alliant, Vihtavuori, Federal, Eley, Aquila, Sako and more. You can also find a wide range of shooting accessories, scopes and knives as well as selected lines of clothing, please visit the shop or contact us for more information.

Equipped with state-of-the-art target systems allowing you to practice and improve with analysis.

Largest supplier in the south west for all makes of air-guns, rifles and shotguns, ammunition and shooting accessories.

- Indoor air-gun ranges - 25 and 50 yard
- Large stock of reloading equipment
- Easy onsite parking
- Bottle and gun charging facilities

THE RANGES

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