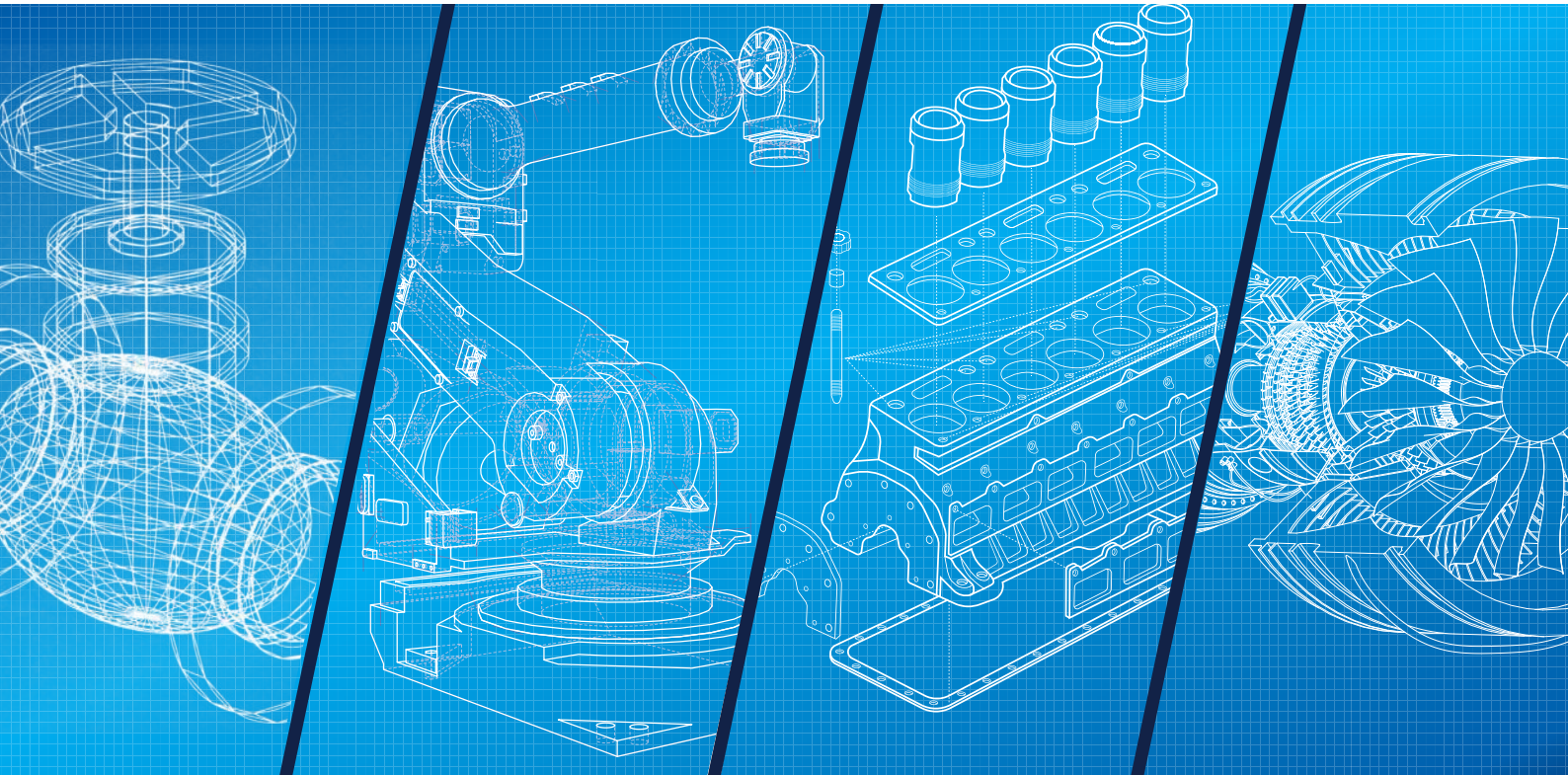




**BOWERS GROUP**

# *Special Offers*



*Bowers Promotions & New Products*

**JANUARY 2022**

VALID UNTIL JUNE 2022

# Dear Customer

A new year is upon us once again, and with it, a fantastic new selection of discounts and promotions. We're delighted to introduce to you the Bowers DigiMic, our brand-new digital external micrometer. With its large screen and advanced, built-in Bluetooth connectivity, the DigiMic offers quick, simple, and highly accurate measurements that can be easily integrated into any Industry 4.0 / SPC system.

In addition to our own offers on both Bowers products and a selection of our third-party measurement solutions, we've also included case studies from real-life customers. Take a look and find out how our wide range of metrology products help a variety of businesses to improve quality, accuracy, and efficiency, every day.

For further information about our products, please head over to our website at [www.bowersgroup.co.uk](http://www.bowersgroup.co.uk). Should you have any questions, please contact our sales office based in Camberley by emailing [sales@bowersgroup.co.uk](mailto:sales@bowersgroup.co.uk) or calling 08708 50 90 50.

Best Regards,



UK Sales Manager



**BOWERS GROUP**

## Let us Come to You! Book your MMC Visit Today



We're looking forward to a new year and plenty more customer visits across the UK with our Mobile Metrology Centre.

A self-contained mobile showroom, our MMC has been exclusively designed to be fully self-sufficient & Covid safe, meaning that we've still been able to allow our customers to explore the variety of measurement solutions on board. It was an attractive prospect for many during 2021, as an MMC visit means there's no need to travel or to allow onsite visitors, and we're already taking bookings for the new year!

Since we cannot pack all of our solutions into our MMC (we've tried!), we had to choose a few select favourites. These include the Baty Venture XT vision machine that can be used as a CMM, Microscope and highly accurate Profile Projector, the new Sylvac S25T Optical Measuring Machine, and a great range of our world-renowned bore gauges including solutions for measuring threads, grooves, splines, sphericals, or deep holes.

To book a Covid safe MMC visit, send an email to [bowersmmc@bowersgroup.co.uk](mailto:bowersmmc@bowersgroup.co.uk) or call us on **08708 50 90 50**

We love nothing more than showing existing and potential customers the quality of our products, how to use them, and how well they work. So, why not book yourself a face to face demo with hands on product experience in the MMC?





# New Bowers Digital Micrometer

The DigiMic Micrometer boasts an impressive accuracy of 2 µm max permissible error and 2 µm max error range. Ergonomically designed to fit comfortably in the hand, the DigiMic is an exceptionally robust micrometer, suitable for use in the harshest environments. DigiMic is manufactured with IP67 protection rating making it equally functional in a clean room or the factory floor. The extra-large digital display makes reading data straightforward; the user has an immediate visual confirmation of measurement in hand.

**NEW  
PRODUCT**

## Features:

- Bluetooth IOT ready
- Compatible with Sylcom software and free mobile app
- IP67 protection rating
- Resolution 0.001mm
- Accuracy - Max permissible error = 2 µm, max error range = 2 µm
- Large LCD display
- mm / inch conversion
- Solid Carbide contact faces
- Rotary Encoder & Spindle
- Spindle Ø 6.5 mm
- CR2032 lithium battery
- UKAS to BS 870 certification
- Exceeds DIN863/1 & ISO3611



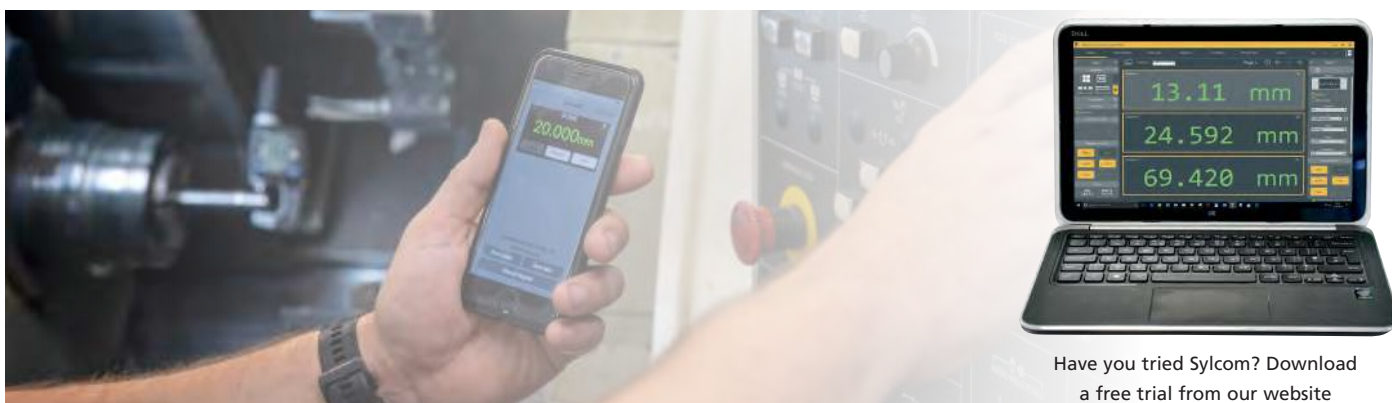
Watch our video!



Scan the QR code to learn more about the features and capabilities of the DigiMic

## DIGIMIC - DIGITAL EXTERNAL MICROMETER

Code No (with BT)	Description	Range (mm)	List Price	Special Offer Price
DM025	Bowers DigiMic 0-25mm IP67 Digital BT Micrometer	0-25	£350.00	£297.50 E



Have you tried Sylcom? Download a free trial from our website

# Bowers XT Metric Groove Sets

Bowers XT3 digital internal micrometers offer a new ergonomic design - including a larger and clearer LCD display - along with IP67 electronics protection, proximity output with built-in Bluetooth; both allow bi-directional communication giving greater flexibility for data acquisition and storage. The XT Groove sets are based on the standard self-aligning 3-point XT head design but with a stepped anvil to allow entry into grooves for fast and repeatable groove diameter measurement. The gauge is set using the calibrated setting rings provided and each ring size is stored in the gauge memory enabling quick and easy setting with each head change. The trigger action pistol-grip controller enables the operator to retract the anvils instantly and pass the gauge through the entry diameter, then extend the anvils to engage with the groove diameter for an immediate absolute measurement. Other versions of the standard XT head are also available for internal threads, splines, slots, deep hole and many more applications.

### Features:

- Generic anvil profile suits common groove sizes
- Sets available to cover diameters 6 – 100mm (1/4" – 4")
- 3 point, self-centring, interchangeable heads for repeatability
- 0.001mm 0.00005" resolution
- Depth stops included
- Extensions available
- IP67 sealed
- Setting rings with UKAS certificates included
- Bluetooth with free data collection App



### XT HOLEMATIC GROOVE SETS:

Code No	Description	List Price	Special Offer Price
SP-SXTH10M-BT-GRO	6-20mm Set	£2,468.00	£2,221.20 D
SP-SXTH5M-BT-GRO	20-50mm Set	£2,006.00	£1,805.40 D
SP-SXTH6M-BT-GRO	50-100mm Set	£2,648.00	£2,383.20 D





# What can we do for you?

Bowers Group offers a range of both standard and bespoke measurement solutions for a variety of gauging applications. As the world's leading bore gauge manufacturer, our application heads can be fitted directly onto our XT range of internal micrometers to create a flexible, modular measuring system. Whether you're measuring threads, grooves, splines, sphericals, or deep holes, we have a standard solution to suit. If you're looking for something completely bespoke, our team has the skills and expertise to solve your measurement problem.

## GROOVE



- Available from 6-300mm
- 2pt or 3pt
- Interchangeable with standard heads

## THREAD



- M4 - M300 (metric)
- No8 - 12" (imperial)
- Left & right handed / 2pt & 3pt

## SPLINE



- Heads for major and minor diameter are available
- Calibrate from standard plain rings
- Negates the need for many hard gauges

## SPHERICAL



- 5-600mm head range
- Interchangeable with standard heads
- Blind bore option available
- Allows for misalignment in the bore

## CUSTOM GAUGING - for non-standard applications



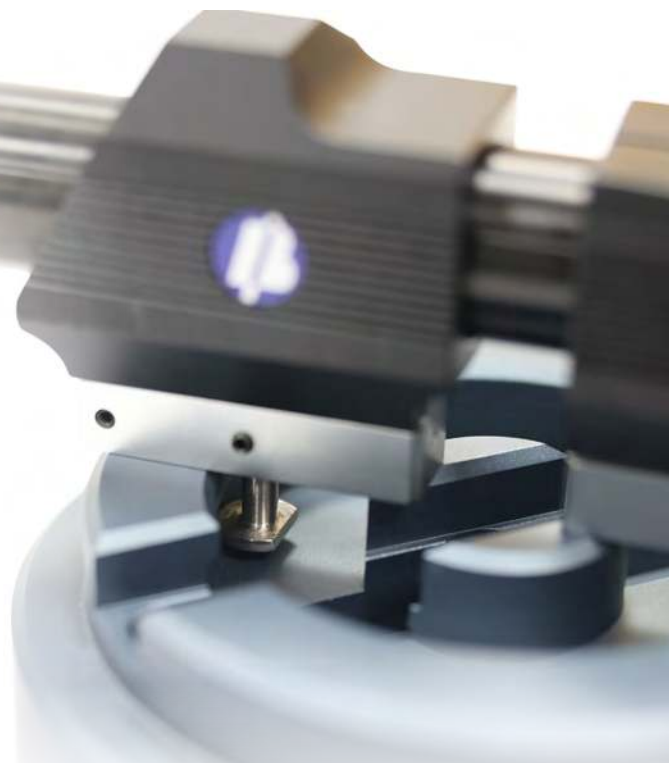
**Call our sales team for a visit or more information**

# Universal Gauging

These gauges are used for measuring internal and external dimensions, such as grooves, shoulders, recesses, threads, tapers, gears, splines, hole centres, a wide range of measuring contacts are available to enable measurement of various features.

## Features:

- Internal and external measurement
- Range 30-255mm Internal / 0-220mm External with 20mm Anvil Travel
- Large measuring range possible 0-3000mm (0-118")
- Extensions available 150mm (Steel) 500mm and 1000mm (Carbon Fibre)
- Constant measuring force
- Supplied with digital readout
- Large range of accessories for standard measurement of threads, grooves, splines, diameters, lengths, shallow spigots and recess diameters etc
- Special anvil designs available P.O.A



## Large Set with Box (TGUSET1) Contents:

- Universal with Digital / Analogue Indicator 25mm / 0.001mm c/w COWL
- Measuring Arms 50mm (Pair)
- Measuring Arms 75mm (Pair)
- Measuring Arms 100mm (Pair)
- 20mm Disc Anvils for measuring grooves (Pair)
- 12mm Disc Anvils Int/Ext for measuring grooves (Pair)
- Shoulder anvils flat outside spigot diameter (Pair)
- Semi-cylindrical anvils for inside register diameters (Pair)
- Depth-stops (Pair)
- Clamping inserts (Pair)
- Flat Measuring Anvil (Pair)
- Spherical contacts (Pair)
- Mounting Attachment (Pair)



## Small Set with Box (TGUSET2) Contents:

- Universal with Digital / Analogue Indicator 25mm / 0.001mm c/w COWL
- Measuring Arms 50mm (Pair)
- Depth-stops (Pair)
- Clamping inserts (Pair)
- Spherical contacts (Pair)

**10% OFF**

## Watch our video!

Scan the QR code to learn more about the features and capabilities of the Universal Gauge



## UNIVERSAL GAUGING

Code No	Description	List Price	Special Offer Price
TGUSET1	Large Universal Gauge Set with box	£4,009.00	£3,608.10 G
TGUSET2	Small Universal Gauge Set with box	£2,527.00	£2,274.30 G

For more information visit [www.bowersgroup.co.uk](http://www.bowersgroup.co.uk)

# Trimos Horizon Setting Machine



10%  
OFF

Horizon Setting is the ideal instrument for the control and calibration of measuring gauging with fixed and variable dimensions. Their high precision and finishing, position it as a top of the range model for workshops or laboratory use.

All measuring ranges are direct, which means that the whole measuring range is available without adjustment or intermediary re-calibration. A large selection of interchangeable accessories completes the possible applications and guarantees the correct positioning of the instruments to be calibrated.

## Features:

- Delivered with two parallel 25mm TEL5 gauge blocks
- Robust design, ideal for use in workshop
- Very simple use
- Fast and precise checking
- Works on battery or power supply



## TRIMOS HORIZON SETTING

Code No	Description	List Price	Special Offer Price
20-HS4-500	Trimos HS4 Horizontal Setting Machine 550mm capacity	£19,120.00	£17,199.00 I
20-HS4-1000	Trimos HS4 Horizontal Setting Machine 1050mm capacity	£22,204.00	£19,985.00 I
20-HS4-1500	Trimos HS4 Horizontal Setting Machine 1550mm capacity	£26,830.00	£24,149.00 I



## BOWERS GROUP SPONSORED UWR WIN F3 CUP!

# 2021 Roundup

As sponsors of the University of Wolverhampton racing team, it has been an exciting year for Bowers Group. After three years of being runners up, we are delighted that the team successfully achieved first place in the Formula 3 (F3) Cup Class Championship 2021 at Snetterton 300 on September 25th. As one of the fastest single-seater championships in the UK, winning the F3 Cup is a fantastic achievement for UWR.

The University of Wolverhampton Racing team is formed of students undertaking engineering degrees at the School of Engineering on the Telford Campus, which is part of the University's commitment to producing graduates who can apply both theory and practice in the industry.

Bowers Group began its sponsorship of the UWR team in 2019 and as well as offering support to the team, the group has also gifted the University a selection of metrology equipment. The equipment not only provides the best footing for the precision measurement needs of the team but also enhances the student's learning by allowing them to have the experience with tools that will be at the heart of their future careers.

Bowers Group MD Martin Hawkins said: "It's an honour to sponsor the University of Wolverhampton racing team and to help the engineers of the future get real, hands-on experience. The team really does showcase some of the shining stars of the future motor sporting world. The work that Terry Gibson and the team at UWR put in to giving the students the best start in their career is second-to-none, and from everyone at Bowers Group, we'd like to congratulate all involved on their much-deserved win."



“Shane Kelly said

*"It's such an amazing feeling to say we are champions. I'm so proud of all of the team and everyone involved in UWR, we wouldn't have these fantastic opportunities without our sponsors and support from the University."*

Shane Kelly UWR Pro-Driver and Team Mentor

”





# Putting Theory into Practice

As an official Metrology sponsor of the University of Wolverhampton Racing Team (UWR), Bowers Group has donated over £10,000 of metrology instruments and hand tools to the team of engineering students, both for use in their dedicated temperature-controlled Metrology Lab and in their Live Project Area.

Tutors regularly use the Bowers Group XT3 Digital Bore Gauges as demonstration and learning tools, enabling students to gain confidence and ensure accurate measurement taking skills for their future careers. The Bowers' XT3 digital internal micrometers are also used during the winter rebuilds of the F3 cars, to check inside the engine, check the pistons, and ensure the general maintenance of the car.

The Moore and Wright micrometers and calipers are used by the students almost every day. A common use for the digital calipers involves the measurement of the clutch in order to determine the amount of wear on the carbon plates. The clutch is taken off between race weekends, or between qualifying and racing, and checked for alignment and wear. Degradation of the clutch is measured with a tolerance of 0.001mm, and if necessary, 0.25mm shims made of steel or aluminium are used to maintain the optimal clutch height.

The Moore and Wright calipers and micrometers are also used to measure the tread depths on tyres, and the rear anti roll bar on the F3 car. In addition, the Moore and Wright height gauge is used for learning and demonstration purposes, as well as checking tyre depths and the rear drop height and ride height of the car.



## Coming up in 2022

We're delighted to have extended our sponsorship of the University of Wolverhampton Racing (UWR) team to include the team's Morgan Plus Four Cars into the 2022 season. Acting as Morgan's factory works team, UWR has converted two Morgan Plus Four models from road-going cars into fully prepared racing vehicles.

Having signed a new five-year partnership agreement with the Morgan Motor Company last year, the University of Wolverhampton are now on track to offer a racing programme set to further improve the student experience.

**It's going to be another exciting year for UWR. Watch this space for more news from Bowers Group on the future endeavours of the team!**



Discover more about  
UWR here

# The NEW Baty R400 FT2-E

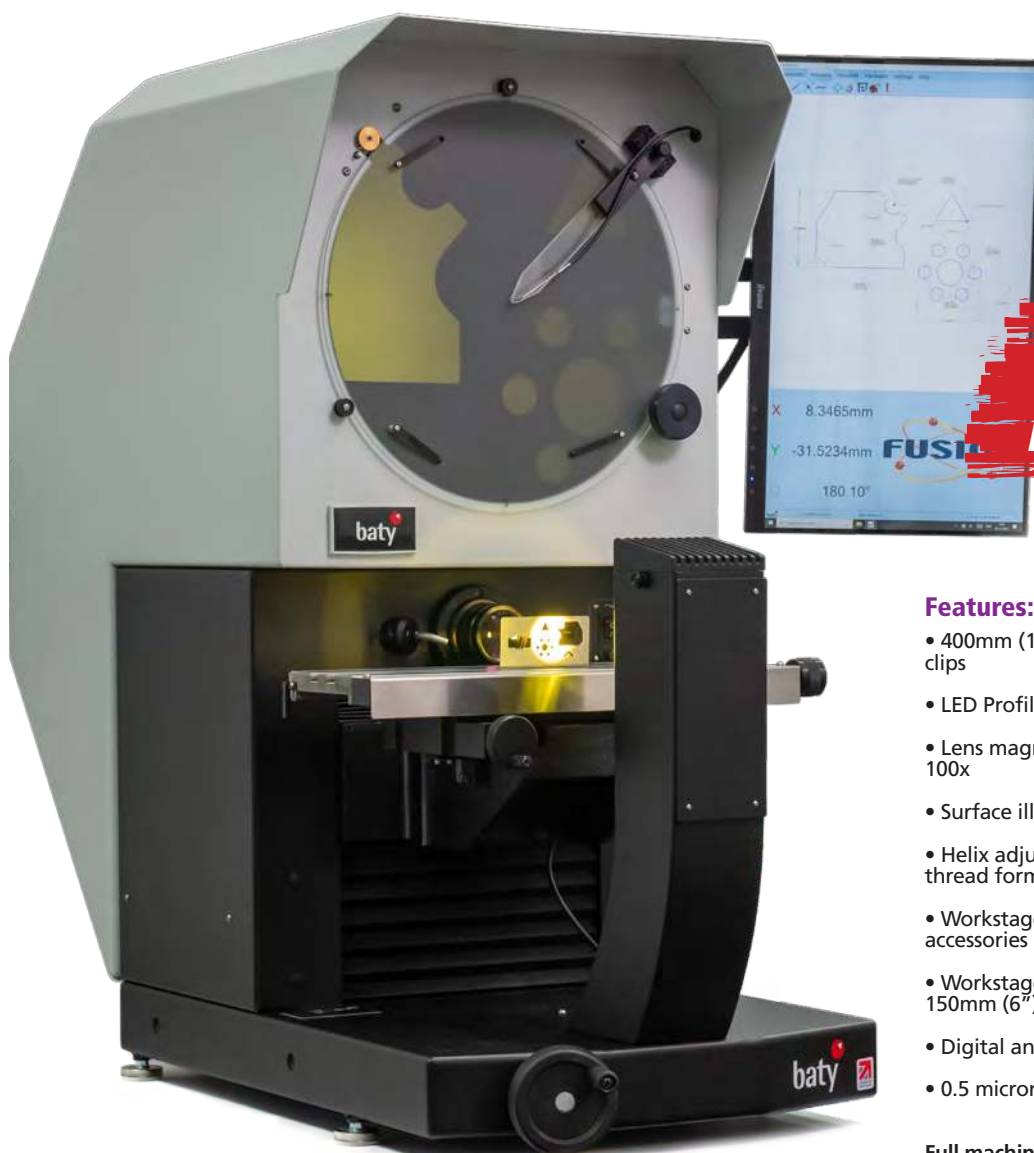
The new Baty R400 bench mount profile projector combines high accuracy non-contact measurement and in-depth inspection. Its robust design makes it ideal for both the shop floor and the standards room, something that has proven immensely popular with many in the manufacturing and engineering sectors.

The new model offers a range of improvements, including positive adaptations to the lighting system and focal length that make it an ideal tool for a wide range of parts.

One of the most impressive changes to the current R400 model is the integration of an LED lighting system. The new system replaces the existing Halogen profile lighting, reducing annual service costs and eliminating potential downtime due to lamp failure. The LED system still incorporates helix adjustment for thread measurement and runs at much lower temperatures than the traditional halogen setup.

Other improvements include changes to the lens' focal lengths which now facilitate larger components. With lenses available in 10x, 20x, 50x and 100x magnification, and with an increased distance between the lens and object, there is more space to measure bigger and more complex parts quickly and efficiently. The use of a common, spring loaded detent lens-mount enables fast and easy lens changes with no need for tools.

The new model comes with the screen mounted optical edge sensor now mounted in a fixed arm so that the screen can be rotated independently of the probe itself, maintaining the cross-hair / probe offset which is stored within the FT2-E software. An internally mounted edge sensor option is also available if required, leaving the projector screen completely unobscured. The feet of the machine are in the same position, meaning the footprint of the new R400 is the same, and remains compatible with the existing cabinet stand.



## Features:

- 400mm (16") screen with 90° crosslines and chart clips
- LED Profile illumination with green filter
- Lens magnification choice: 10x, 20x, 50x and 100x
- Surface illumination (fibre optic)
- Helix adjustment of light source for accurate thread form projection
- Workstage with two machined slots for holding accessories
- Workstage measuring range of 300mm (12") x 150mm (6")
- Digital angle measurement to 1 minute
- 0.5 micron resolution

Full machine specification available on request

## R400-FT2-E

Code No	Description	List Price
R400-FT2-E	Horizontal projector with Fusion 2D touch screen DRO & optical edge detection	£11,374.00



## LEADING BY EXAMPLE: BOWERS GROUP ENSURES ACCURACY OF MADE IN BRITAIN BORE GAUGES WITH BATY R400 PROFILE PROJECTOR



### Case Study

Bowers Group manufactures its market-leading bore gauges at a dedicated manufacturing facility in Bradford, West Yorkshire, and has recently achieved the sought-after Made in Britain accreditation.

To maintain the high quality and accuracy of its famous bore gauges, Bowers Group uses a measurement solution from within its very own range of products; a Baty profile projector. As part of the Bowers Group, Baty also manufactures its profile projectors and vision systems in the UK, achieving their own Made in Britain accreditation in 2020

#### Quality and Accuracy

During the manufacturing process, Bowers Group uses the Baty R400 Profile Projector and complementary Fusion Software to ensure the accuracy of all manufactured components. This includes parts for analogue bore gauges, digital bore gauges, and the popular XT3 Digital Pistol Grip bore gauges. The Baty profile projector is also used to check the quality and accuracy of measuring heads for threads, grooves, splines, spherical, and deep holes, in addition to completely bespoke custom gauges manufactured by the Application Gauging team at Bowers Group.

Pav Maan, Application Gauging Supervisor at Bowers Group said: "We use the Baty R400 Profile Projector and the accompanying Fusion Software to check the quality of our manufactured products on a daily basis, including our 3 and 2 point anvil heads.

#### Focused, Sharp Image

The Baty R400 Profile Projector produces a focussed, sharp image, allowing us to measure the shape and form of anvils, as well as using the software's sophisticated graphical reporting to create dimensioned drawings. Dimensions within the specified tolerance are shown on the screen in green, whilst any dimensions out of tolerance are shown in red. That means we have an immediate visual status of the measured part.

#### Making Measurement Easy

Accuracy is very important to us here at Bowers Group. The Baty R400 makes measurement easy and saves a huge amount of time and effort by offering accurate, repeatable, and fast measurements."

Once the anvils have been through the grinding process, the measurements are checked on the Baty profile projector to ensure accuracy and quality. The radius is measured, as well as angles and lengths to ensure accuracy to 3 decimal places.

The Baty R400 bench mount profile projector combines high-accuracy, non-contact measurement and inspection with a large 300mm x 150mm measuring range and boasts a long list of standard features, such as a 400mm screen with 90° cross-lines, chart clips and digital angle measurement with a resolution of 1 minute of arc.

#### Optimum Profile Illumination

Optimum profile illumination is delivered by an efficient LED with a green filter, whilst surface illumination is achieved via high-intensity fibre optics. The R400's sturdy work-stage features two machined T-slots to allow even the most awkward or fragile workpieces to be held securely throughout a measuring routine. To facilitate accurate thread form projection, the R400 also allows for a helix adjustment of the light source.

Acquired by Bowers Group in 2010, Baty offers a range of metrology instruments from hand tools to vision systems. The Baty 'Shadograph' series has become an industry-standard in profile projectors, with products still manufactured in Sussex, England.

#### A Range of Measurement Solutions

The Application Gauging team at Bowers Group offers a range of measurement solutions for a variety of gauging applications, including threads, grooves, splines, sphericals, and deep holes, as well as completely bespoke custom gauges to solve complex measurement problems for a variety of applications. These application heads can be fitted directly onto the XT range of internal micrometers to create a flexible, modular measuring system. The extended mechanical travel of the XT range means that special heads can also be manufactured to accommodate even the most awkward measuring problems

## Trimos V5 Manual / Motorised Height Gauge

The Trimos V5 is the descendant of the legendary V+ line; universally recognised for its ease of use and high quality.

Their clear display and user-friendly functions offer exceptional ease of use. But that's not all: the V5 is equipped with a revolutionary displacement hand-wheel offering its user the choice of displacement mode of the measuring carriage; either manual or motor-driven. Neither mode is compromised, which means that the user who prefers a manual instrument will not notice a difference from a classic manual instrument, and the same applies to the motor-driven displacement. This innovation avoids having to make a difficult choice during the purchasing process and can accommodate multiple users with the same instrument.

The design of the V5 with its side probe holders revives an old Trimos tradition: they enable measuring with long, robust probes guaranteeing excellent repeatability.

### Features:

- Measuring ranges: 400, 700 and 1100mm
- Extremely easy to use
- Electronically adjustable measuring force
- Manual or motor-driven displacement
- Larger than 300mm probes as standard
- Vast range of accessories
- All adjustments possible without tools
- RS232 and USB interfaces

**10% OFF**



### TRIMOS V5 MANUAL

Code No	Description	Range (mm)	Maximum Error (μm)	Repeatability (μm)	Force (N)	Resolution (mm)	Note	List Price	Special Offer Price
20-V5-400	Measuring range with extension mm/inch - 719/28.3	407	2.5 + L(mm)/300	2	0.75 - 1.5	0.01 / 0.001	With Air Cushion	£4,789.00	£4,310.10 I
20-V5-700	Measuring range with extension mm/inch - 1023/40.3	711	2.5 + L(mm)/300	2	0.75 - 1.5	0.01 / 0.001	With Air Cushion	£5,602.50	£5,042.25 I
20-V5-1100	Measuring range with extension mm/inch - 1422/56	1110	2.5 + L(mm)/300	2	0.75 - 1.5	0.01 / 0.001	With Air Cushion	£8,945.00	£8,050.50 I

## Trimos V7 Manual / Motorised Height Gauge

The V7 combines technological innovation and tradition. With the touch-display and lateral insert holders, it truly is a universal instrument for the workshop. Functions, normally considered as complex, such as 2D, programming, statistics, become child's play, resulting in an unequalled ease of use and a substantial increase in productivity.

The pair of lateral insert holders come from generations of instruments that have forged the reputation of Trimos. Their great robustness and flexibility allow the use of very diverse probes up to 400 mm long with a breath-taking repeatability. The V7, is equipped with the revolutionary displacement handwheel allowing the user to choose either the manual or motorised displacement mode.

### Features:

- Measuring ranges 400 to 1800 mm
- Simple and easy-to-use graphic interface
- Electronically adjustable measuring force
- Manual or motorised displacement
- 2D, programming, statistics
- Large range of accessories
- All possible adjustments without tools
- Interfaces RS232 and USB
- Analogue Display Option

**FREE**  
Macro  
Accessory Set\*



### TRIMOS V7 HEIGHT GAUGE

Code No	Description	Range (mm)	Maximum Error (μm)	Repeatability (μm)	Force (N)	Resolution (mm)	Note	List Price
20-V7-1100	Measuring range with extension mm/inch 1422/56	1110	2 + L(mm)/400	1 (σ:2)	0.75 - 1.5	0.0001	With Air Cushion	£10,861.50 I
20-V7-1800	Measuring range with extension mm/inch 2122/83	1810	2.5 + L(mm)/300	1 (σ:2)	0.75 - 1.5	0.0001	With Air Cushion	£24,410.00 I

\*When you buy a Trimos V7

For more information visit [www.bowersgroup.co.uk](http://www.bowersgroup.co.uk)



## CHELBURN PRECISION IMPROVES MEASURING EFFICIENCIES WITH TRIMOS V7 HEIGHT GAUGE



With tolerances on components getting tighter and customer requirements getting stricter, Chelburn Precision was keen to improve their measurement abilities. Based in Rochdale, Greater Manchester the company found the solution in a Trimos V7 height gauge, supplied by Bowers Group.

As one of the UK's leading suppliers of precision machined components to some of the world's most demanding markets, Chelburn Precision's philosophy has always been to satisfy the needs of its customers. Established in 1982, the business has prioritised investment in quality machine tools for production, as well as having quality verification equipment available for inspection purposes.

Chelburn Precision is a subcontract engineer making larger precision components, mostly for the canning, rubber and plastic, paper converting, and mining industries. Already working with a smaller height gauge, the team found it was holding them back when measuring larger sized components.

### Reaching the Full Height of Components

The team at Chelburn found that they were not able to reach the full height of components with the height gauge they had previously, resulting in the need to either turn jobs over to measure from a different plane, or make time and room on one of their precision machine tools to carry out checks. This not only required extra time, but also stopped the production of both the machine tools and their operators whilst the quality inspectors requested and verified checks to ensure parts conformed to specification.

### Tackling Complex Functions

The Trimos V7 is one of the tallest height gauges on the market, and highly suitable for workshop environments. The V7 is capable of tackling complex functions such as 2D, programming, and statistics,

resulting in an unequalled ease of use and a substantial increase in productivity.

The height gauge features a pair of lateral insert holders, a testament to the research and development of generations of instruments that have forged Trimos' reputation. Their great robustness and flexibility allow the use of very diverse probes up to 400 mm long with impressive repeatability.

### Squareness Electrical Probe

Chelburn Precision also invested in the squareness electrical probe which enables the business to reach the full height of components, both for measuring positions and measuring squareness. The additional probe creates the efficiency of combining two instruments to make the measurement process quicker and easier, offering the team the ability to perform the precise measurements they needed.

Chelburn's dedicated inspection department is manned full-time by two qualified inspectors who have access to a wide range of quality equipment. Because they can trust the readings given by the V7, the team know instantly if there is something that needs altering on the shop floor, allowing them to measure parts easily and quickly and get results before they reach the CMM.

### Quality, Accuracy and Ease of Use

Since having the Trimos V7 height gauge, Chelburn has found the height gauge extremely easy to use, with inspectors using it in preference to traditional methods of parts inspection, owing to the fact they can measure multiple sizes with the one device. Now using the Trimos V7 every day, the inspectors also use the height gauge on smaller manufactured parts, as they find it easier to use and more reliable than their previous unit.

**“Michael Horsfall said**

*We have used Bowers Group before for a lot of different measuring devices we own, so we knew we were in good hands. They even loaned us a smaller unit for us to trial as they were confident that we would be impressed by the quality, accuracy and ease of use of the Trimos height gauge.*

**Michael Horsfall** Production Director at Chelburn Precision

**”**

# The Sylvac Scan Range - Exceptional Trade In Deals Available Now!

## Why Upgrade Your Existing Machine?

### Highlights and Benefits

- Latest Sylvac Reflex-Scan+ software easy to use, including auto-part recognition, Reflex-click auto-measure, barcode loading.
- Live results shown directly on part drawing along with data analysis all on one page.
- New features in software, such as SPC, thread wizard, formulas and more.
- Programming from CAD and Offline software available.
- Tilt/Helix axis for comprehensive thread measurement.
- Integrated calibration master and temperature sensors.
- A new operator interface panel (S25) for shop floor operation and ease of use.
- Faster, full 2D scan of the part, taking approximately 3 seconds for a full length scan, meaning all static measurements can be measured in < 3 seconds.
- Improved accuracy and optical imaging. Diameters <0.001mm and lengths <0.003mm (previously 2 / 7 depending on model).
- Precision rotary headstock for improved dynamic measurement accuracy.
- S25/S145 Automation ready with motorised tailstock with additional I/O connectivity should you ever want to integrate robot part loading.
- F60 automaton options available
- Quick release tooling (All your existing tooling can be used on the new machine).
- Connect any Bowers/Sylvac instrument via Bluetooth for integrated measurements, such as bores.
- Windows 10-64 bit OS.
- SPC software options available.
- All existing P25, P50 and P80 programs can be converted seamlessly to the new RS+ format

Contact our sales team for further info and to arrange a quotation.

**I'M ON THE MMC!**



upto  
**10% OFF\***



\*Up to 10% discount on all the new Sylvac Scan Systems when trading in ANY brand of legacy optical scan machine.

For more information visit [www.bowersgroup.co.uk](http://www.bowersgroup.co.uk)



# Wyler Clinotronic S

WYLER

The Clinotronic S keeps all of the features of the Clinotronic PLUS like its reliability, better accuracy and ease of use, however the Clinotronic S includes the latest technology.

## Features:

- Wireless Functionality - Clinotronic S can be connected to an Android or iOS device which can then be used as remote displays. The new features makes the instrument much more versatile and opens up new applications for use
- Excellent display - The large colour display is back-lit and has a high contrast giving excellent readability, even under adverse conditions like in the workshop or under a machine
- User friendly - The completely redesigned user interface allows for very intuitive handling
- Adjusted to local gravity - To ensure best possible accuracy the Clinotronic S can be adjusted to local gravity
- Battery: rechargeable external power supply: 5V via USB-C
- Size: 100 x 75 x 30mm
- Weight: 400g (depending on inserts)



## WYLER CLINOTRONIC S

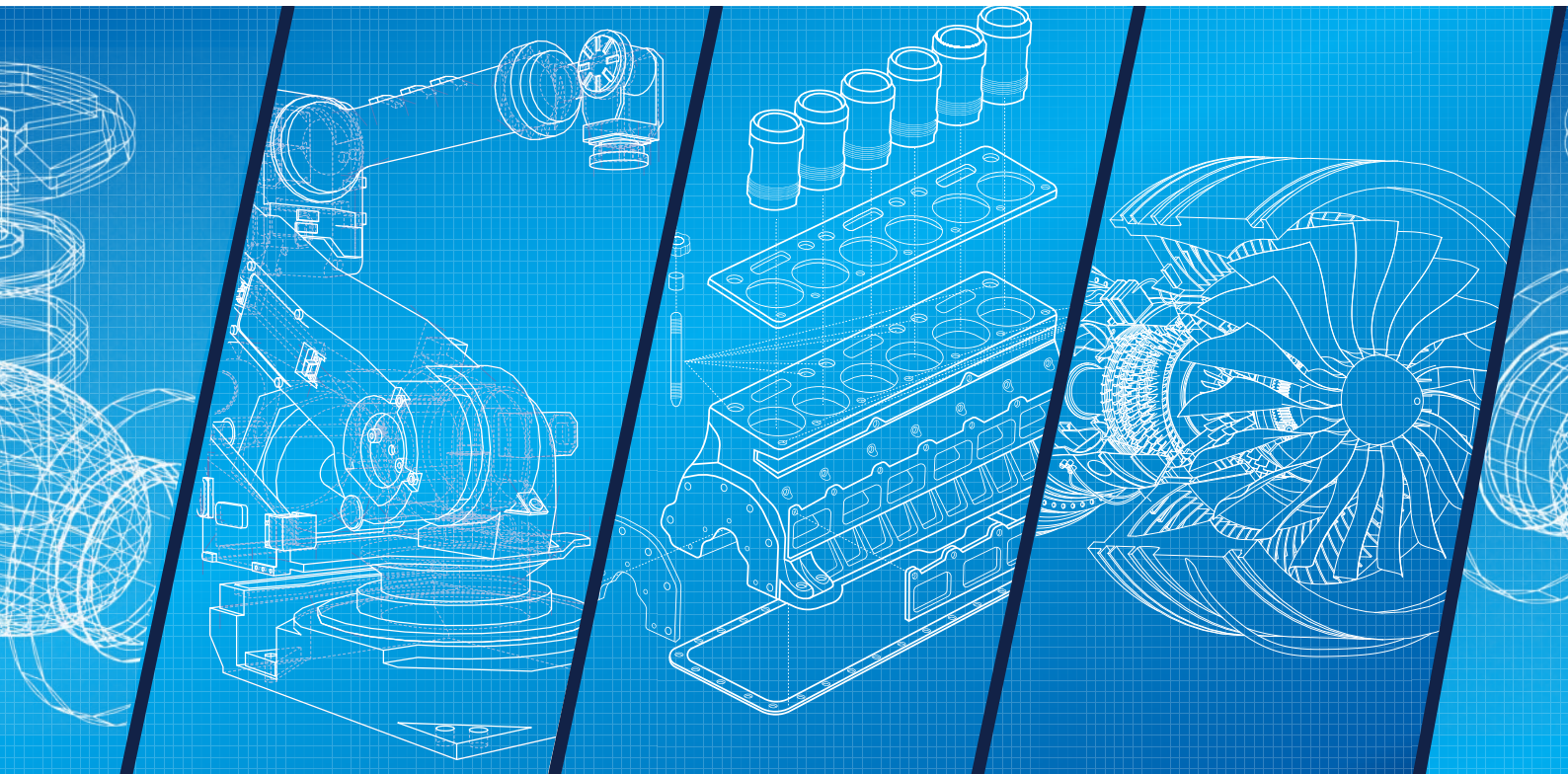
Code No	Description	Range (mm)	Accuracy	Resolution	List Price	Special Offer Price
60-015-S-XG45	Clinotronic S without inserts	+/- 45 degree range	0.04% of value / min 5 arcsec	5 arcsec	£1,840.50	£1,656.45 Q
60-015-S-HG45	Clinotronic S with magnets all sides	+/- 45 degree range	0.04% of value / min 5 arcsec	5 arcsec	£2,049.50	£1,844.55 Q
60-015-S-PG45	Clinotronic S with M3 threads on all faces	+/- 45 degree range	0.04% of value / min 5 arcsec	5 arcsec	£1,944.50	£1,750.05 Q

“ Lee Turner said

“The WYLER system is much quicker and more efficient; it enables us to get immediate results. We’re chasing microns here, and always aiming for the highest levels of accuracy. The WYLER enables us to achieve this.”

Lee Turner Director at D. Turner & Son

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For more information visit **[www.bowersgroup.co.uk](http://www.bowersgroup.co.uk)**  
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