Moore & Wright Vernier Height Gauge 190 Series

Features
• Zero reference point can be adjusted for calibration
• Hardened stainless steel beam
• Measuring faces are micro-lapped for high accuracy
• Chrome plated scale
• Heavy duty base for increased stability
• Carbide tipped scriber
• Fine adjustment
• Magnifier glass for easy reading of vernier scale

<table>
<thead>
<tr>
<th>VERNIER HEIGHT GAUGE 190 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code No</td>
</tr>
<tr>
<td>MW190-30</td>
</tr>
<tr>
<td>MW190-50</td>
</tr>
<tr>
<td>MW190-60</td>
</tr>
<tr>
<td>MW190-75</td>
</tr>
</tbody>
</table>

Digital Mini Height Gauge 192 Series

Features
• Large LCD display
• Solid aluminium alloy base with magnets
• Hardened stainless steel beam
• Measuring range: 0-6” / 0-150mm
• Reading: inch/metric/fractional
• IP54 water, dust and oil resistant
• ABS, HOLD and power saving functions

<table>
<thead>
<tr>
<th>DIGITAL MINI HEIGHT GAUGE 192 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code No</td>
</tr>
<tr>
<td>MW192-20D</td>
</tr>
</tbody>
</table>

Tel: 08708 50 90 50  Fax: 08708 50 90 60
Moore & Wright Digital Height Gauge 190 Series

Features
- Easy to read LCD display
- 'Soft keys' for maximum operating comfort
- Ground micro-lapped measuring surfaces
- Functions: mm/inch conversion, on/off, zero-setting, max, min, hold, battery low indication
- Fine adjustment for high precision measurement

Digital Height Gauge 191 Series

Features
- Heavy duty beam
- Handwheel for ease of use
- ABS/INC measurement
- Large LCD display
- Inch/mm conversion
- Positive lock carbide scriber
- Supplied in moulded case

**DIGITAL HEIGHT GAUGE 190-DBL SERIES**

<table>
<thead>
<tr>
<th>Code No</th>
<th>Range (mm)</th>
<th>Range (inch)</th>
<th>Resolution (mm)</th>
<th>Resolution (inch)</th>
<th>Size of Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW190-30DBL</td>
<td>0-300</td>
<td>0-12</td>
<td>0.01</td>
<td>0.0005</td>
<td>125 x 85mm</td>
</tr>
<tr>
<td>MW190-60DBL</td>
<td>0-600</td>
<td>0-24</td>
<td>0.01</td>
<td>0.0005</td>
<td>150 x 120mm</td>
</tr>
</tbody>
</table>

**DIGITAL HEIGHT GAUGE 191 SERIES**

<table>
<thead>
<tr>
<th>Code No</th>
<th>Range (mm)</th>
<th>Range (inch)</th>
<th>Resolution (mm)</th>
<th>Resolution (inch)</th>
<th>Accuracy (mm)</th>
<th>Accuracy (inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW191-30DAB</td>
<td>0-300</td>
<td>0-12</td>
<td>0.01</td>
<td>0.0005</td>
<td>+/-0.04</td>
<td>+/-0.0015</td>
</tr>
<tr>
<td>MW191-60DAB</td>
<td>0-600</td>
<td>0-24</td>
<td>0.01</td>
<td>0.0005</td>
<td>+/-0.05</td>
<td>+/-0.002</td>
</tr>
</tbody>
</table>

For more information visit [www.bowers.co.uk](http://www.bowers.co.uk)
Sylvac Hi_Gage ONE Height Gauge

Available in 400mm and 600mm capacities, the robust new Sylvac Hi_Gage ONE Height Gauge is water and coolant resistant and designed to provide high levels of accuracy and repeatability throughout extended shop floor use.

Features
- Robust conception
- Quick manual displacement
- Locking device
- Fine adjustment
- Favourite function key
- Two references
- Selection of measuring direction
- Smart Inductive Sensor (SIS)
- Scriber included

<table>
<thead>
<tr>
<th>Code No</th>
<th>Range (mm)</th>
<th>Resolution (mm)</th>
<th>Maximum Error (µm)</th>
<th>Repeatability (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-840-0400</td>
<td>400</td>
<td>0.01</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>30-840-0600</td>
<td>600</td>
<td>0.01</td>
<td>50</td>
<td>10</td>
</tr>
</tbody>
</table>

- Ball Probe Ø 8mm
- Replacement scriber
- Lever indicator dovetail holder

Hardened steel guide
Fine adjustment focusing knob
Quick clamping device Ø 8mm
Locking nut
Large display
Self-locking rapid transfer system
Ergonomic cast iron base
Trimos Mini-Vertical Height Gauge

The Trimos Mini-Vertical Height Gauge is perfect for height measurements and scribing work and suitable for all kinds of workshop conditions. Its unique, compact design offers mobility and extreme stability. Because of its advanced measuring system, the self-contained working time of the Mini-Vertical is one year; therefore it can be used for multiple applications on the shop-floor.

Features
• Robust and compact construction
• Perfect for use on the shop-floor
• Constant measuring pressure
• Accurate and reliable measurements
• User friendly
• Opto-RS232 data output
• 3V Lithium battery CR2032
• Large range of accessories
• Two models available: cast iron base or granite base

<table>
<thead>
<tr>
<th>Code No</th>
<th>Description</th>
<th>Range (mm)</th>
<th>Range (inch)</th>
<th>Accuracy (mm)</th>
<th>Resolution (mm)</th>
<th>Resolution (inch)</th>
<th>Repeatability (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-23C1</td>
<td>300mm, Cast iron base</td>
<td>320</td>
<td>12</td>
<td>0.02</td>
<td>0.01 / 0.001</td>
<td>0.0005 / 0.0005</td>
<td>0.005</td>
</tr>
<tr>
<td>20-23G1</td>
<td>300mm, Granite base</td>
<td>320</td>
<td>12</td>
<td>0.02</td>
<td>0.01 / 0.001</td>
<td>0.0005 / 0.0005</td>
<td>0.005</td>
</tr>
<tr>
<td>20-2310C</td>
<td>600mm, Cast iron base</td>
<td>620</td>
<td>24</td>
<td>0.03</td>
<td>0.01 / 0.001</td>
<td>0.0005 / 0.0005</td>
<td>0.005</td>
</tr>
<tr>
<td>20-2310G</td>
<td>600mm, Granite base</td>
<td>620</td>
<td>24</td>
<td>0.03</td>
<td>0.01 / 0.001</td>
<td>0.0005 / 0.0005</td>
<td>0.005</td>
</tr>
</tbody>
</table>

For more information visit www.bowers.co.uk
Sylvac Hi_Cal Digital Motorised Height Gauge

The Sylvac Hi_Cal Digital Motorised Height Gauge is the latest, high specification electronic height gauge available from Bowers. With further improved accuracy, the Hi-Cal is perfect for a variety of measuring tasks including step heights, internal/external diameters and centre-line distances.

The height gauge benefits from Sylvac’s patented inductive measuring electronics and the latest motorised probing system, to give excellent repeatability and ease of use.

Features

- Available in two models: 150mm and 300mm
- Motorised carriage with 2 progressive speed ranges
- Light and compact with a small footprint
- Simultaneous display of diameter and centerline
- Measures internal and external diameter, centerline, height, thickness and depth
- Extremely low measuring force
- USB data output or RS232
- Supplied with setting master

The Sylvac Hi_Cal Digital Motorised Height Gauge is the latest, high specification electronic height gauge available from Bowers. With further improved accuracy, the Hi-Cal is perfect for a variety of measuring tasks including step heights, internal/external diameters and centre-line distances.

The height gauge benefits from Sylvac’s patented inductive measuring electronics and the latest motorised probing system, to give excellent repeatability and ease of use.

Features

- Available in two models: 150mm and 300mm
- Motorised carriage with 2 progressive speed ranges
- Light and compact with a small footprint
- Simultaneous display of diameter and centerline
- Measures internal and external diameter, centerline, height, thickness and depth
- Extremely low measuring force
- USB data output or RS232
- Supplied with setting master

SYLVAC HI_CAL DIGITAL MOTORISED HEIGHT GAUGE

<table>
<thead>
<tr>
<th>Code No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-930-2150</td>
<td>Full accessories set in wooden box - 13 probes and holders</td>
</tr>
<tr>
<td>30-930-2151</td>
<td>Basic accessories set in wooden box - 4 probes and holders</td>
</tr>
</tbody>
</table>
Trimos V Series Digital Height Gauge

Perfect for use in the workshop environment, the easy-to-operate Trimos V Series Height Gauge offers accuracy and repeatability alongside quick performance.

**Features**
- Extremely easy to operate
- Autonomous use with rechargeable battery pack
- Clear definition of all measuring functions
- Extremely large display of values
- Acceptance of a measured value by acoustic signal
- Direct RS232C data output (bi-directional)
- Supplied with setting master (20-3415)

**Display/Software Features**
The clearly defined functions of the display unit allow quick performance of all required height measurements.
- Surface and centreline distance measurements
- Zero setting of the display or preset value setting
- Data transfer (RS 232)
- Selection of measuring unit mm or inch
- Selector key to obtain a min/max/delta value
- Measuring using two references
- Adjustment of the acoustic signal
- Max. manual carriage displacement speed 1500mm/s

<table>
<thead>
<tr>
<th>TRIMOS V SERIES SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code No</td>
</tr>
<tr>
<td>Range (mm)</td>
</tr>
<tr>
<td>Range (inch)</td>
</tr>
<tr>
<td>Application Range (mm)</td>
</tr>
<tr>
<td>Application Range (inch)</td>
</tr>
<tr>
<td>Maximum Error (µm)</td>
</tr>
<tr>
<td>Repeatability (µm)</td>
</tr>
<tr>
<td>Frontal Squareness Deviation (µm)</td>
</tr>
<tr>
<td>Resolution (mm)</td>
</tr>
<tr>
<td>Resolution (inch)</td>
</tr>
<tr>
<td>Force</td>
</tr>
<tr>
<td>Operational Time</td>
</tr>
<tr>
<td>Operating Temperature</td>
</tr>
<tr>
<td>Temperature Range</td>
</tr>
<tr>
<td>Power</td>
</tr>
<tr>
<td>Weight</td>
</tr>
</tbody>
</table>

For more information visit [www.bowers.co.uk](http://www.bowers.co.uk)
Trimos V+ Series Digital Height Gauge

Ideally suited to shop-floor situations where accuracy, repeatability, ease of use and ruggedness are required. This battery operated, motorised gauge boasts a multitude of useful, easy to access features, whilst its built in air cushion enables great ease of movement and speed of operation.

Features

• Measures heights, depths, thickness, gaps
• Measures internal and external diameters
• Min / Max / Delta feature
• Measures centreline distances of bores, shafts and surface to centreline
• Storage of probe constant
• Unique touch sensitive probe
• Direct RS232 output
• Portable lightweight construction
• Adjustable measuring pressure
• Metric / Inch conversion
• Built in air cushion activation (600 & 1000mm versions)
• Supplied with setting master

TRIMOS V+ SERIES SPECIFICATION

<table>
<thead>
<tr>
<th>Code No</th>
<th>20-34300</th>
<th>20-34601</th>
<th>20-341001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range (mm)</td>
<td>300mm</td>
<td>600mm</td>
<td>1000mm</td>
</tr>
<tr>
<td>Range (inch)</td>
<td>12&quot;</td>
<td>23.6&quot;</td>
<td>48.6&quot;</td>
</tr>
<tr>
<td>Application Range (mm)</td>
<td>535mm</td>
<td>835mm</td>
<td>1235mm</td>
</tr>
<tr>
<td>Application Range (inch)</td>
<td>21&quot;</td>
<td>32.8&quot;</td>
<td>48.6&quot;</td>
</tr>
<tr>
<td>Resolution (mm)</td>
<td>0.01 / 0.001mm</td>
<td>0.01 / 0.001mm</td>
<td>0.01 / 0.001mm</td>
</tr>
<tr>
<td>Resolution (inch)</td>
<td>0.0005 / 0.00005&quot;</td>
<td>0.0005 / 0.00005&quot;</td>
<td>0.0005 / 0.00005&quot;</td>
</tr>
<tr>
<td>Maximum Error (µm)</td>
<td>2.5+L / 300µm</td>
<td>2.5+L / 300µm</td>
<td>2.5+L / 300µm</td>
</tr>
<tr>
<td>Repeatability (mm)</td>
<td>0.002mm</td>
<td>0.002mm</td>
<td>0.002mm</td>
</tr>
<tr>
<td>Repeatability (inch)</td>
<td>0.0001&quot;</td>
<td>0.0001&quot;</td>
<td>0.0001&quot;</td>
</tr>
<tr>
<td>Speeder</td>
<td>3m / sec</td>
<td>3m / sec</td>
<td>3m / sec</td>
</tr>
<tr>
<td>Force</td>
<td>0.7-1.6N</td>
<td>0.7-1.6N</td>
<td>0.7-1.6N</td>
</tr>
<tr>
<td>Operational Time</td>
<td>100 hours</td>
<td>100 hours/30hours (air)</td>
<td>100 hours/30hours (air)</td>
</tr>
<tr>
<td>Power</td>
<td>Incorporated rechargeable battery pack</td>
<td>Incorporated rechargeable battery pack</td>
<td>Incorporated rechargeable battery pack</td>
</tr>
<tr>
<td>Weight</td>
<td>10kg</td>
<td>12kg</td>
<td>16kg</td>
</tr>
<tr>
<td>Note</td>
<td>-</td>
<td>With base air pump</td>
<td>With base air pump</td>
</tr>
</tbody>
</table>

Tel: **08708 50 90 50** Fax: **08708 50 90 60**

Partners in Precision
Trimos Vectra Touch

The exceedingly robust construction, class leading ergonomic design and use of Trimos registered Embedded Technology gives the revolutionary new Vectra extremely impressive accuracy and repeatability figures. This easy to use Height Gauge boasts many advanced features.

**Features**

- On-board temperature compensation as standard
- (Optional) temperature compensation with external gauge
- (Optional) wireless data transfer via bluetooth
- USB data transfer
- Graphical display of reversal point
- Colour touch screen
- Programming of measuring sequences (motorised)
- XY coordinate measuring system
- A built-in RS232 output enables the simple transmission of measured data to printers, computers, SPC devices etc.
- Simplified memory sequence programs including tolerance limits input
- Statistical analysis of measurements and protocol
- Ambient temperature display can also be added to reports
- Robust Trimos carriage system not compromised
- The operating handle has been designed for optimum operator comfort, and includes programmable function keys
- The “Trimos Measurement Control” enables a smooth probe setting on surfaces and diameters, and guarantees a constant measuring force
- Semi-automatic motorised movement (motorised model only)
- Motorised version available on request
- Supplied with setting master

**TRIMOS VECTRA**

<table>
<thead>
<tr>
<th>Code No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-4012</td>
<td>300mm / 12&quot; Vectra Electronic Height Gauge manual</td>
</tr>
<tr>
<td>20-4014</td>
<td>600mm / 24&quot; Vectra Electronic Height Gauge manual</td>
</tr>
<tr>
<td>20-4016</td>
<td>1000mm / 40&quot; Vectra Electronic Height Gauge manual</td>
</tr>
<tr>
<td>20-4018</td>
<td>1500mm / 59&quot; Vectra Electronic Height Gauge manual</td>
</tr>
<tr>
<td>20-4020</td>
<td>2000mm / 78&quot; Vectra Electronic Height Gauge manual</td>
</tr>
<tr>
<td>20-4030</td>
<td>Macro Accessories (see p126)</td>
</tr>
<tr>
<td>20-4032</td>
<td>Micro Accessories (see p126)</td>
</tr>
<tr>
<td>20-4035</td>
<td>Squareness Probe with holder</td>
</tr>
<tr>
<td>20-4070</td>
<td>USB Memory Stick</td>
</tr>
</tbody>
</table>

**Technical Specification**

<table>
<thead>
<tr>
<th>Code No</th>
<th>Measuring range (mm) (in)</th>
<th>With second probe holder (mm) (in)</th>
<th>Max. permissible errors (µm)</th>
<th>Repeatability (2σ) (µm)</th>
<th>Resolutions (µm) (in)</th>
<th>Manual carriage displacement speed mm / s</th>
<th>Motorised carriage displacement speed mm / s</th>
<th>Measuring force (adjustable) N</th>
<th>Frontal squareness deviation (µm)</th>
<th>Autonomy h</th>
<th>Data output</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-4012</td>
<td>305 (12)</td>
<td>567 (22)</td>
<td>2+L(mm)/400</td>
<td>102 (2)</td>
<td>0.01/0.001/0.0001/0.00001</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>4</td>
<td>&gt;8</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
</tr>
<tr>
<td>20-4014</td>
<td>610 (24)</td>
<td>872 (34)</td>
<td>2+L(mm)/400</td>
<td>102 (2)</td>
<td>0.01/0.001/0.0001/0.00001</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>6</td>
<td>&gt;8</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
</tr>
<tr>
<td>20-4016</td>
<td>1016 (40)</td>
<td>1278 (50)</td>
<td>2+L(mm)/400</td>
<td>102 (2)</td>
<td>0.01/0.001/0.0001/0.00001</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>10</td>
<td>&gt;8</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
</tr>
<tr>
<td>20-4018</td>
<td>1524 (60)</td>
<td>1786 (70)</td>
<td>2.5+L(mm)/300</td>
<td>102 (2)</td>
<td>0.01/0.001/0.0001/0.00001</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>15</td>
<td>&gt;8</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
</tr>
<tr>
<td>20-4020</td>
<td>2034 (80)</td>
<td>2296 (90)</td>
<td>2.5+L(mm)/300</td>
<td>102 (2)</td>
<td>0.01/0.001/0.0001/0.00001</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>25</td>
<td>&gt;8</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
</tr>
</tbody>
</table>

**For more information visit www.bowers.co.uk**
Trimos Mestra Touch Height Gauge

Supreme levels of accuracy are available from the innovative new Trimos Mestra Height Gauges due to their unique motorised probing system, extremely high contact stability and the use of Trimos registered embedded technology. The standard range of easy to use gauges boast an unparalleled list of useful functions, with even more advanced features available on the revolutionary 'Mestra Touch' versions.

Features
- On-board temperature compensation as standard
- (Optional) temperature compensation with external gauge
- (Optional) wireless data transfer via bluetooth
- USB data transfer
- Graphical display of reversal point
- Simplified memory sequence programs including tolerance limits input
- Statistical analysis of measurements and protocol
- Ambient temperature display can also be added to reports
- Robust Trimos carriage system not compromised
- The operating handle has been designed for optimum operator comfort, and includes programmable function keys
- The "Trimos Measurement Control" enables a smooth probe setting on surfaces and diameters, and guarantees a constant measuring force
- Semi-automatic motorised movement (motorised model only)
- Motorised version available on request
- Supplied with setting master
- Extreme accuracy level

TRIMOS MESTRA TOUCH

Code No Description
20-4006 300mm / 12” Mestra Touch Electronic Height Gauge manual
20-4008 600mm / 24” Mestra Touch Electronic Height Gauge manual
20-4010 1000mm / 40” Mestra Touch Electronic Height Gauge manual
20-4030 Macro Accessories (see p126)
20-4032 Micro Accessories (see p126)
20-4035 Squareness Probe with holder
20-4070 USB Memory Stick

Motorised versions available.

TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Code No</th>
<th>Measuring range (mm) (in)</th>
<th>With second probe holder (mm) (in)</th>
<th>Max. permissible errors (µm)</th>
<th>Repeatability (2σ) (µm)</th>
<th>Resolutions (mm) (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-4006</td>
<td>305 (12)</td>
<td>567 (22)</td>
<td>1.2 ± L(mm)/1000</td>
<td>0.5 (σ1)</td>
<td>0.010/0.001/0.0001/0.0001</td>
</tr>
<tr>
<td>20-4008</td>
<td>610 (24)</td>
<td>872 (34)</td>
<td>1.2 ± L(mm)/1000</td>
<td>0.5 (σ1)</td>
<td>0.010/0.001/0.0001/0.0001</td>
</tr>
<tr>
<td>20-4010</td>
<td>1016 (40)</td>
<td>1278 (50)</td>
<td>1.2 ± L(mm)/1000</td>
<td>0.5 (σ1)</td>
<td>0.010/0.001/0.0001/0.0001</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code No</th>
<th>Manual carriage displacement speed mm/s</th>
<th>Motorised carriage displacement speed mm/s</th>
<th>Measuring force (adjustable) N</th>
<th>Frontal squareness deviation (µm)</th>
<th>Autonomy h</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-4006</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>4</td>
<td>&gt;8</td>
</tr>
<tr>
<td>20-4008</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>6</td>
<td>&gt;8</td>
</tr>
<tr>
<td>20-4010</td>
<td>1000</td>
<td>150</td>
<td>0.5 - 1.8</td>
<td>10</td>
<td>&gt;8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code No</th>
<th>Data output</th>
<th>Operational temperature °C</th>
<th>Temperature of storage °C</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-4006</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
<td>+10 - -40°C</td>
<td>-10 - -40°C</td>
<td>22</td>
</tr>
<tr>
<td>20-4008</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
<td>+10 - -40°C</td>
<td>-10 - -40°C</td>
<td>25</td>
</tr>
<tr>
<td>20-4010</td>
<td>2 x RS232 C and 2 x USB (A and B)</td>
<td>+10 - -40°C</td>
<td>-10 - -40°C</td>
<td>29</td>
</tr>
</tbody>
</table>

Tel: 08708 50 90 50  Fax: 08708 50 90 60  Partners in Precision
Trimos Mestra Accessories

MICRO
Complete set includes:

• 1 case
• 1 hemispheric insert
• 1 probe with pin, 4 pins-shaped
• 1 disc shaped insert Ø 7.7mm
• 1 disc shaped insert Ø 11.5mm
• 1 corner insert 1mm
• 1 measuring insert of test indicator Ø 1mm
• 1 measuring insert of test indicator Ø 2mm
• 1 measuring insert of test indicator Ø 3mm
• 1 measuring insert holder for M2.5, M1.6, M1.4
• 1 insert holder L=80mm M2.5
• 1 insert holder 90º L=80mm Ø 4mm
• 1 measuring insert holder Ø 1mm
• 1 ball probe ruby Ø 2mm
• 1 ball probe Ø 1mm
• 1 knife-edged measuring probe L=88mm
• 1 holder with reduction 8mm/4mm
• 1 swivel holder Ø4/Ø8mm
• 1 key for ball-insert
• 1 hex screw wrench 1.5mm
• 1 hex screw wrench 2.5mm

Trimos Vectra Accessories

MACRO
Complete set includes:

• 1 case
• 1 ball probe tungsten carbide Ø 4mm
• 1 ball probe tungsten carbide Ø 2mm
• 1 probe with pin tungsten carbide Ø 1.5mm
• 1 swivel holder Ø 4/8mm
• 1 insert holder 90º Ø 4mm
• 1 measuring insert holder Ø 2mm
• 1 insert holder (metrique) M2.5
• 1 insert holder L=124mm M2.5
• 1 insert holder L=200mm M2.5
• 1 hemispheric insert
• 1 disc-shaped insert Ø 18mm
• 1 measuring insert of test indicator Ø 1mm
• 1 measuring insert of test indicator Ø 2mm
• 1 measuring insert of test indicator Ø 3mm
• 1 key for ball insert
• 1 hex screw wrench 2.5mm

For more information visit www.bowers.co.uk