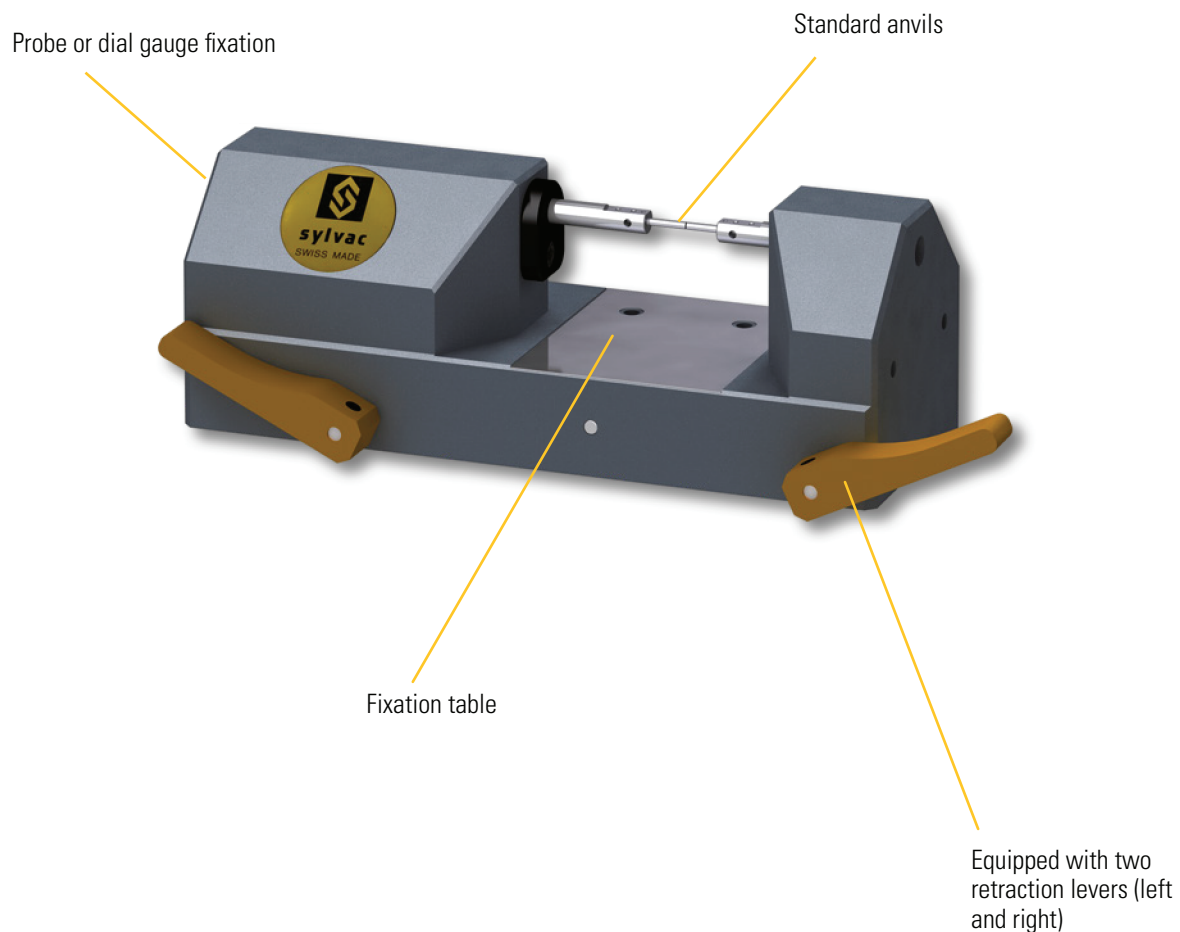


DESCRIPTION

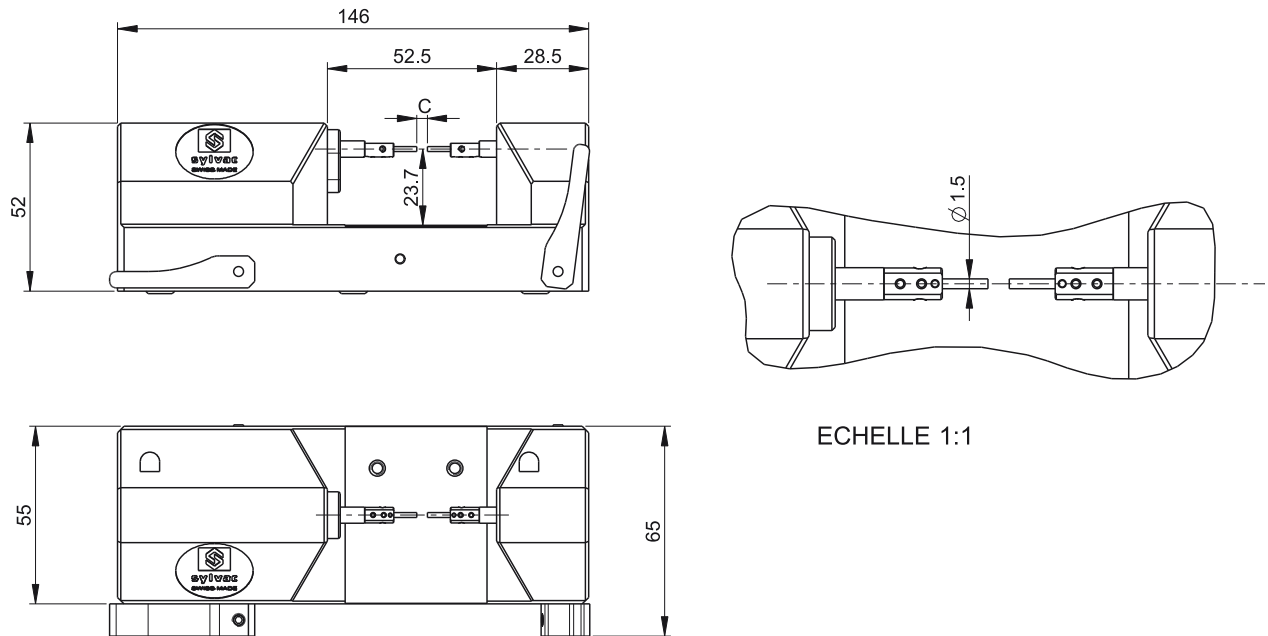
- Small horizontal bench table designed to easily and quickly check small parts up to 10 mm
- **Measuring spindle guided by linear ball bearing**
- The measured value will be displayed either by a Sylvac digital dial gauge range 12.5mm, up to 0.1 μm resolution or by a Sylvac measuring probe P10 (P10L) linked to a digital display unit. Using a pair display unit / measuring probe an overall accuracy of 0.6 μm and a repeatability of 0.2 μm can be reached.
- This bench table can be equipped with different kind of tables as well as with several types of anvils of any shapes
- Standard spindle \varnothing 1.5 mm (908.2175)
- Compatible with Sylvac \varnothing 1.5 mm and Cary type spindle



Bench table

PS15

DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS

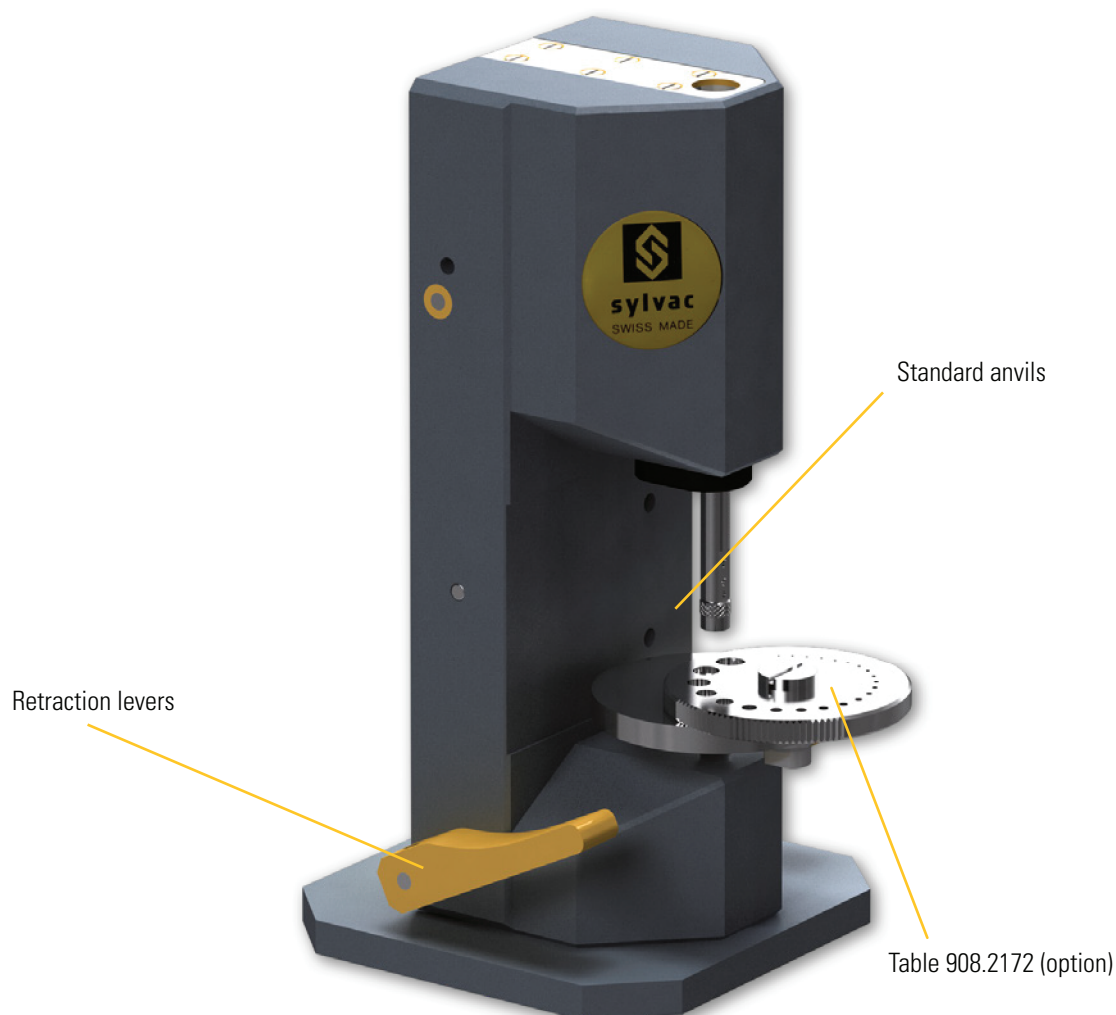
| | | 808.1215 |
|----------------------------|----|---|
| Type | | PS15BH |
| Max. Capacity C | mm | 20 |
| Measuring range | mm | 10 |
| Adjustable measuring force | N | 0.3 - 1.0 |
| Max. error | µm | Probe P10 : 0.6µm / Dial gauge S_Dial : 1.6 - 3µm |
| Weight | kg | 1.8 |
| Measuring direction | | Horizontal |
| Anvils fixation | | Ø 1.5 mm |
| Cary Compatibility | | • |

BASIC INSTRUMENT

- Instrument according to technical specifications
- Instruction manual
- Measuring anvils Ø 1.5 mm (908.2175)
- Allen keys 2 and 2.5 mm
- Dust cover

DESCRIPTION

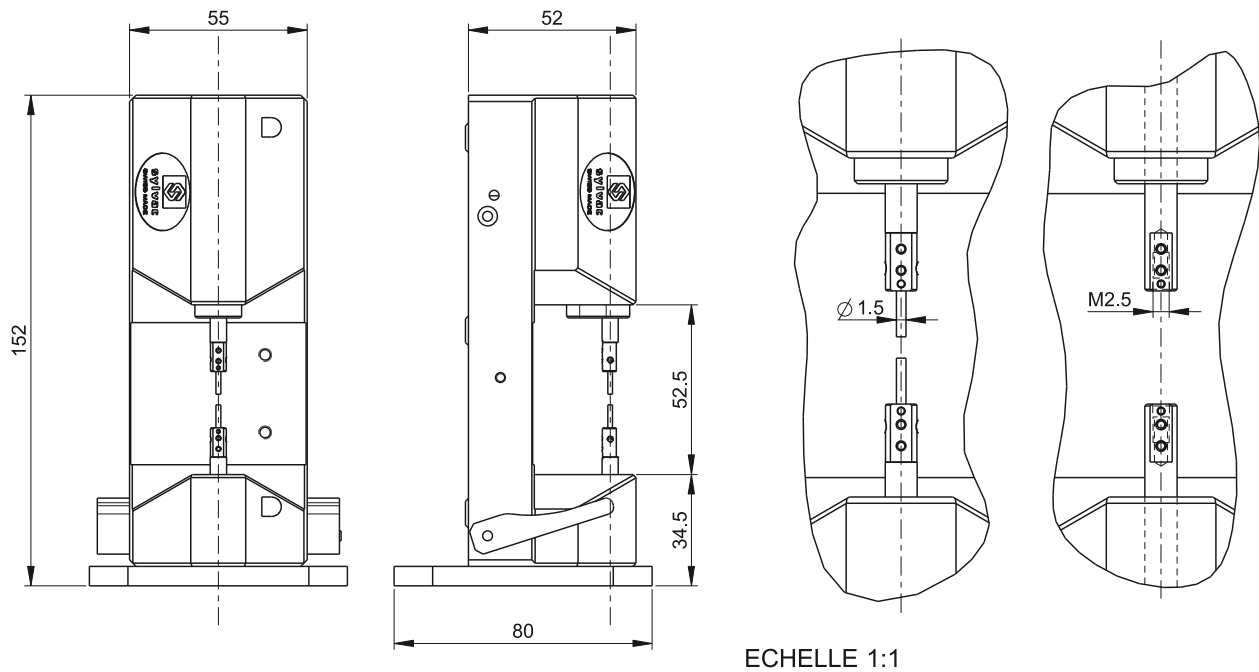
- Small vertical bench table designed to easily and quickly check small parts up to 20 mm
- **Measuring spindle guided by linear ball bearing**
- The measured value will be displayed either by a Sylvac digital dial gauge range 12.5mm, up to 0.0001mm resolution or by a Sylvac measuring probe P10 (P10L) linked to a digital display unit. Using a pair display unit / measuring probe an overall accuracy of 0.6 μm and a repeatability of 0.2 μm can be reached.
- This bench table can be equipped with different kind of tables XYZ as well as with several types of anvils of any shapes



Bench table

PS15

DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS

| | | 808.1216 | 808.1218 |
|----------------------------|----|---|-----------|
| Type | | PS15BV | PS15BV + |
| Measuring scale | mm | 10 | 10 |
| Adjustable measuring force | N | 0.3 - 1.0 | 0.3 - 1.0 |
| Max. error | µm | Probe P10 : 0.6µm / Dial gauge S_Dial : 1.6 - 3µm | |
| Weight | kg | 1.8 | 1.8 |
| Measuring direction | | Vertical | Vertical |
| Anvils fixation | | M2.5 | Ø 1.5 mm |
| Cary Compatibility | | • | • |

BASIC INSTRUMENT

- Instrument according to technical specifications
- Instruction manual
- Measuring anvils Ø 1.5 mm or Ø 5 mm (depending on model)
- Allen keys 2 and 2.5 mm
- Dust cover

Bench table

PS15

TABLES, PLATES AND LAPPING



| N° | Designation | PS15BH | PS15BV / BV+ |
|----------|--|--------|--------------|
| 908.2170 | Supporting table adjustable in XYZ | • | |
| 908.2160 | Supporting table with fine adjustment XYZ | • | |
| 908.2161 | Supporting table with fine adjustment Z | • | |
| 908.2166 | Floating table | • | |
| 908.2172 | Rotating table with 25 bores | | • |
| 908.2165 | Plain table only | | • |
| 908.2162 | Cylindrical plate with 25 bores from 0.2 to 5 mm | | • |

ACCESSORIES



| N° | Designation | PS15BH | PS15BV / BV+ |
|----------|---|--------|--------------|
| 908.2198 | Replacement lapping stone for 908.2199 | • | |
| 908.2199 | Lapping device (3 stones and lapping liquid included) | • | |

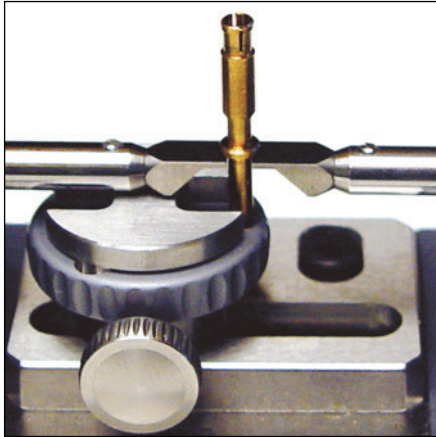
ANVILS

Compatible anvils list at the end of this chapter.

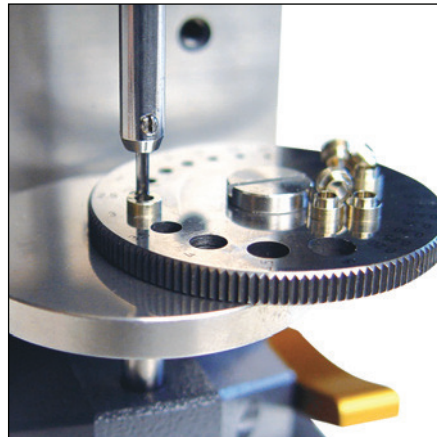
Bench table

PS15

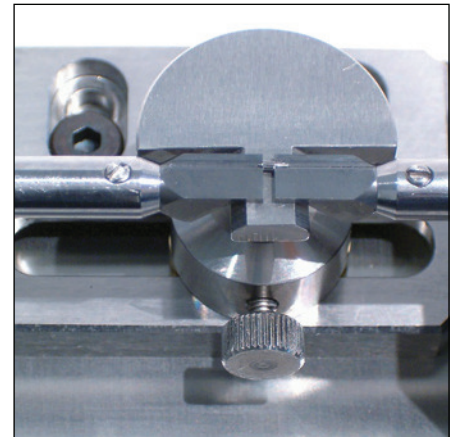
APPLICATIONS



XYZ table with plate with fine adjustment.



Measurement of small parts with PS15V+ and rotation 25 holes support



Special anvils

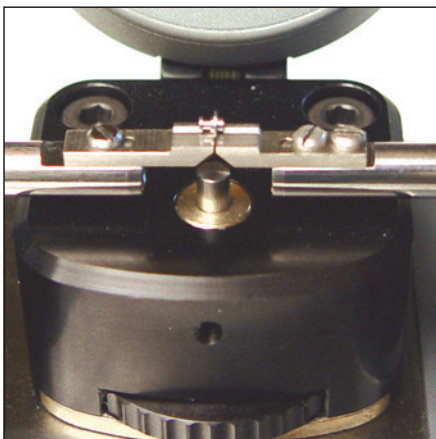
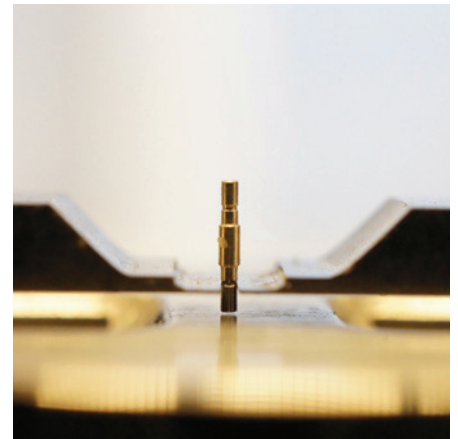


Table with plate Ø 3 mm and fine adjustment. Indication of the height integrated.



Multi-functional measuring station



Gear measuring anvils. On request

Bench table

PS16 V2

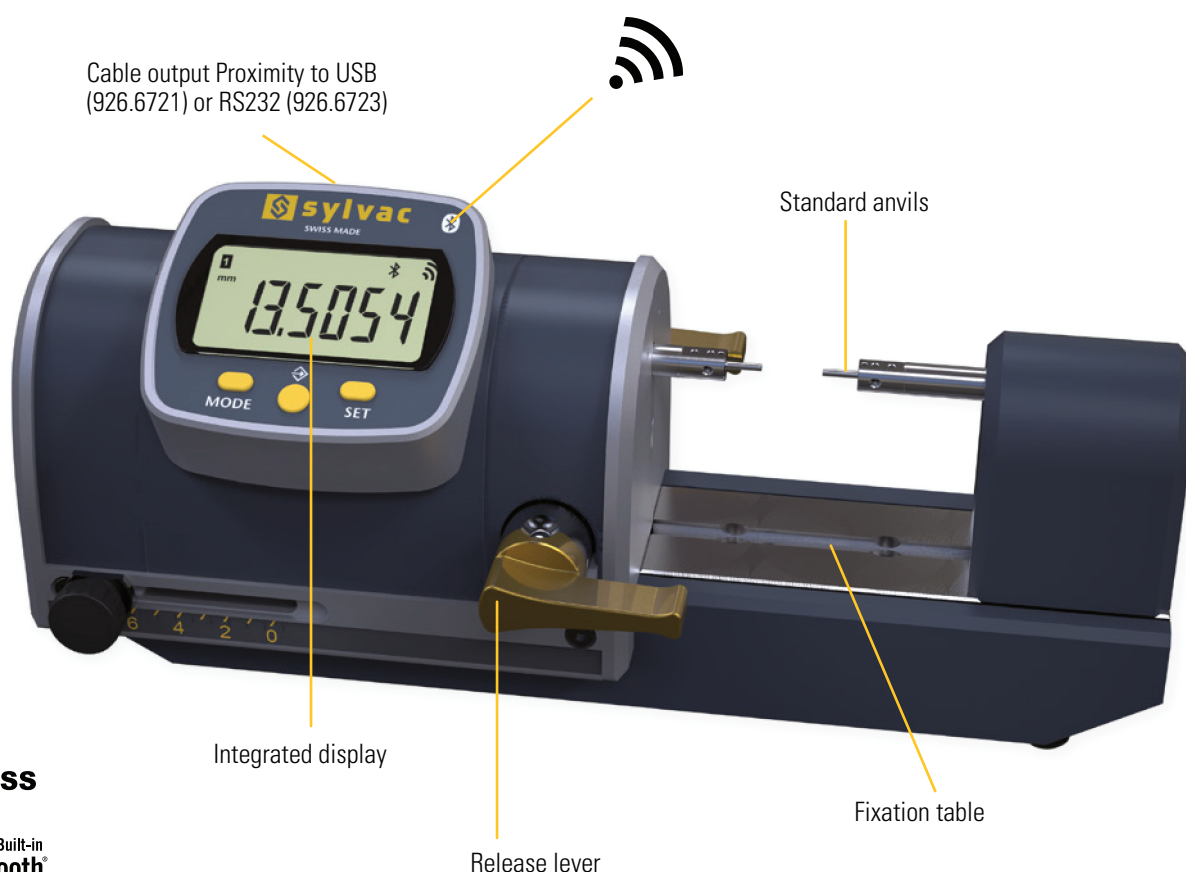
DESCRIPTION

SMART

• Integrated Bluetooth® Wireless technology

- Brand new design with integrated display resolution 0.1µm
- The bench tables PS16 V2 are designed to check dimensions up to 50 mm
- These bench tables can be equipped with different kind of tables to fit your needs as well as with several types of anvils of any shapes
- A ball bearing, as well as many other features and accessories make these tables a must for your workshop or your inspection room
- Adjustable measuring force
- Led tolerances status
- Data output USB and Proximity
- Standard measuring anvils Ø 1.5 mm

Built-in
Bluetooth®



SWISS
MADE

Built-in
Bluetooth®

USB

PROXIMITY

WATER RESISTANT

IP67

Cable output mini-USB to USB (926.6001)

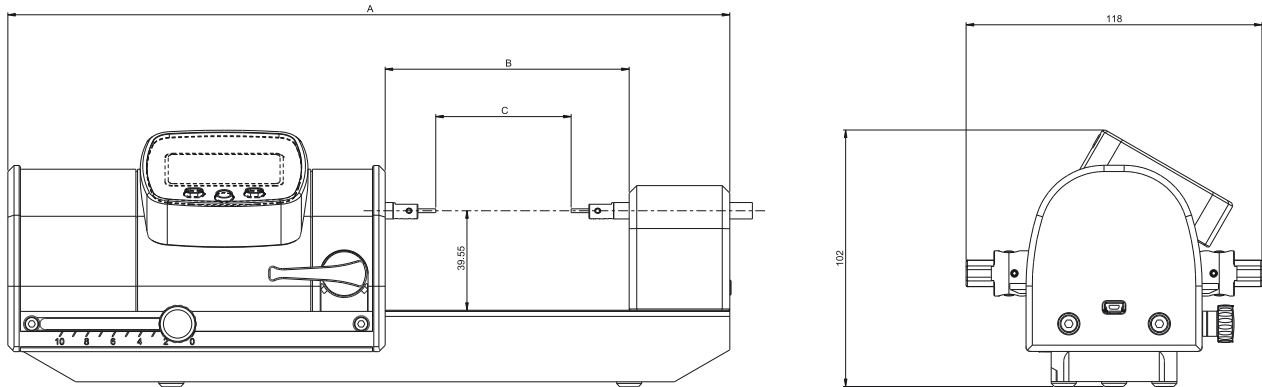


Bench table

PS16 V2

DIMENSIONAL DRAWINGS

SMART



TECHNICAL SPECIFICATIONS

| External and internal measurement | | 808.1231 | 808.1232 |
|-----------------------------------|----|---|----------|
| Max. Capacity C | mm | 25 | 50 |
| Max. Error | µm | 1.5 | 2.0 |
| Repeatability | µm | 0.2 | 0.2 |
| Resolution | µm | 0.1 | 0.1 |
| Measuring force (Adjustable) | N | 0.1 - 0.6 ¹⁾ | |
| Weight | kg | 3.6 | 4.2 |
| Output data | | Bluetooth® wireless technology* / RS232 / USB | |
| Anvils clamping dimension | mm | Ø 1.5 | |
| Cary compatibility | | ● | |
| A | mm | 232 | 287 |
| B | mm | 66 | 97 |

¹⁾ ± 20%

BASIC INSTRUMENT

- Instrument according to technical specifications
- Instruction manual
- Lithium battery CR2477 included
- Adapter for Lithium battery CR2032
- Calibration certificate
- Table not included
- Anvils Ø 1.5mm (908.2175)
- Dust cover

Bench table

PS16 V2 LV

DESCRIPTION

SMART

- LV version are designed to check internal dimensions up to 70 mm (depends on model)
- **Integrated Bluetooth® Wireless technology**
- Brand new design with integrated display resolution 0.1µm
- 2 points measurement with centering pins
- Table height adjustable up to 20mm
- Adjustable measuring force
- Led tolerances status
- Data output USB and Proximity
- Standard measuring anvils 0.4 mm



SWISS MADE

Built-in Bluetooth

USB

PROXIMITY

WATER RESISTANT

IP67

Cable output mini-USB to USB (926.6001)

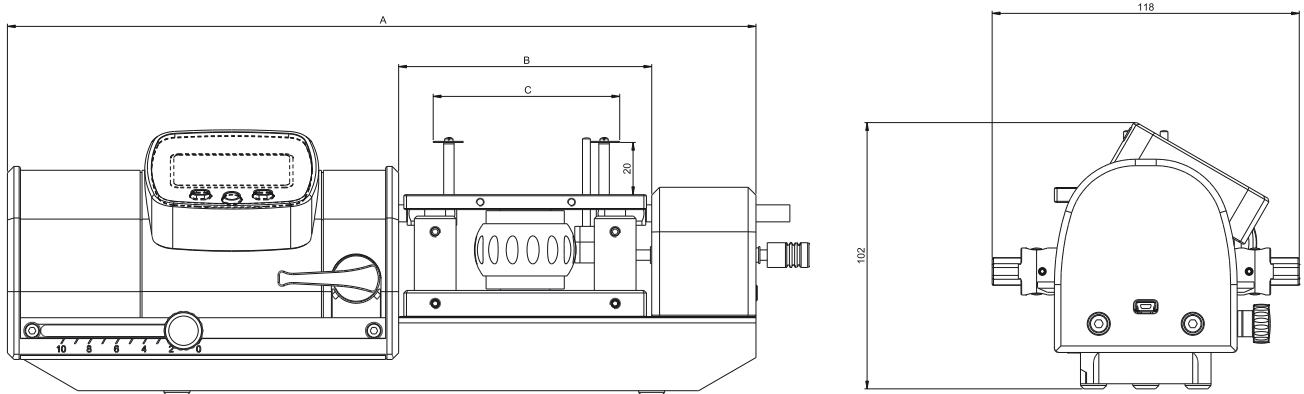


Bench table

PS16 V2 LV

DIMENSIONAL DRAWINGS

SMART



TECHNICAL SPECIFICATIONS

| Internal measurement | | 808.1233 | 808.1234 |
|------------------------------|----|---|-----------|
| Max. Capacity C | mm | Ø 12 - 62 | Ø 24 - 70 |
| Max. Error | µm | 6.0 | 6.0 |
| Repeatability | µm | 1.5 | 1.5 |
| Resolution | µm | 0.1 | 0.1 |
| Measuring force (Adjustable) | N | 0.1 - 0.6 ¹⁾ | |
| Weight | kg | 5.1 | 5.1 |
| Output data | | Bluetooth® wireless technology* / RS232 / USB | |
| Anvils clamping dimension | mm | Ø 1.5 | |

¹⁾ ± 20%

BASIC INSTRUMENT

- Instrument according to technical specifications
- Lithium battery CR2477 included
- Adapter for Lithium battery CR2032
- Instruction manual
- Calibration certificate
- Anvils 0.4mm and LVS table included
- Dust cover

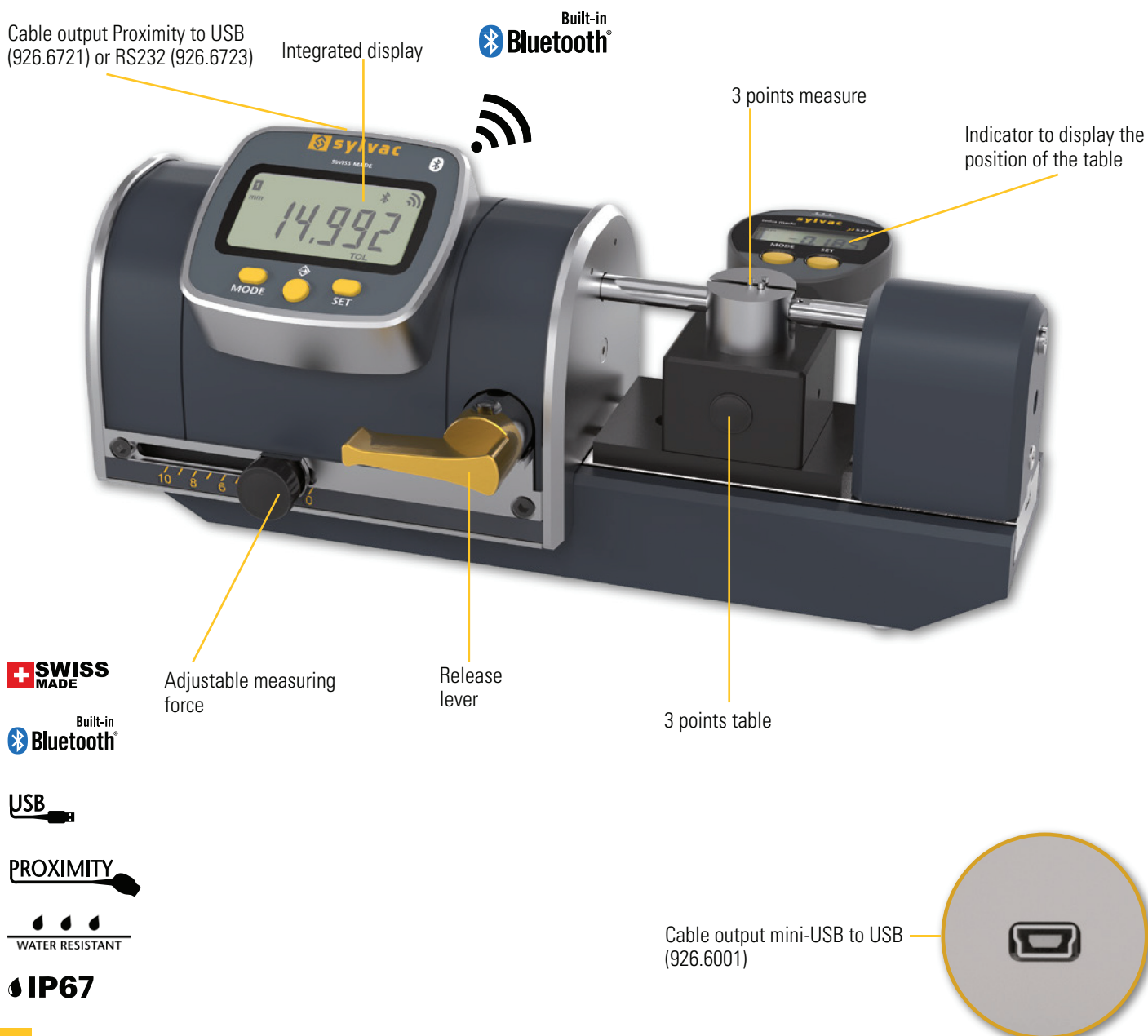
Bench table

PS16 V2 3-Points

DESCRIPTION

SMART

- 3 points version are designed to check internal dimensions of 0.8mm up to 12.5mm
- **Integrated Bluetooth® Wireless technology**
- Customized version based on the components to measure available on request (provide drawing)
- 3-points measurement with exact calculation of the diameter by electric function
- Calibration with two setting rings corresponding to the diameters MIN and MAX of the measuring range
- Table with fine adjustment in Z axis (height), position adjustable on 0-3 mm wit indicator.
- Adjustable measuring force
- Led tolerances status
- Data output USB and Proximity
- Set including: bench table PS16VP25 with integrated probe, table, anvils and 2 setting rings

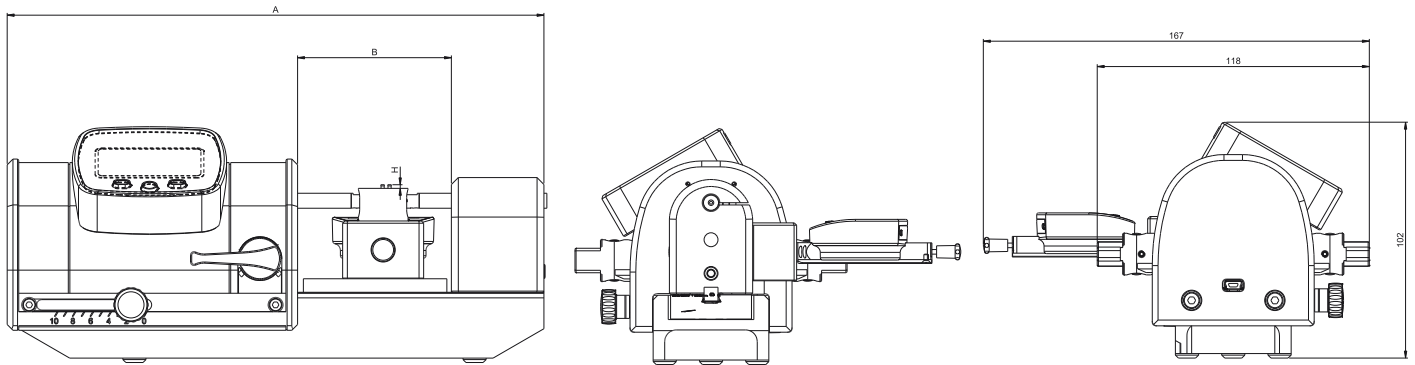


Bench table

PS16 V2 3-Points

DIMENSIONAL DRAWINGS

SMART



TECHNICAL SPECIFICATIONS

| External and internal measurement | | 808.1335 | 808.1336 | 808.1337 | 808.1338 | 808.1339 |
|-----------------------------------|----|---|----------|----------|----------|-----------|
| Max. Capacity C | mm | Ø0.8-1.3 | Ø1.3-2.5 | Ø2.5-4.0 | Ø4.0-8.0 | Ø8.0-12.5 |
| Max. Error | µm | 1.5 | | | | |
| Repeatability | µm | 0.2 | | | | |
| Resolution | µm | 0.1 | | | | |
| Measuring force (Adjustable) | N | 0.1 - 0.6 ¹⁾ | | | | |
| Weight | kg | 4.1 | | | | |
| Data output | | Bluetooth® wireless technology* / RS232 / USB | | | | |
| Anvils clamping dimension | mm | Ø1.5 | | | | |
| A | mm | 232 | | | | |
| B | mm | 60 | | | | |

¹⁾ ± 20%

BASIC INSTRUMENT

- Instrument according to technical specifications
- Lithium battery CR2477 included
- Adapter for Lithium battery CR2032
- Instruction manual
- Calibration certificate
- Table and anvils according to technical specification
- Mini indicator and 2 setting rings included
- Dust cover

Bench table

PS16 V2 Goutte

DESCRIPTION

SMART

- Goutte version designed to measure small pivot on watch plates (gouttes) or on parts requiring an important clearance to load the components on the table
- **Integrated Bluetooth® Wireless technology**
- Adjustable and retractable table with a lever allowing to place and bring the piece in measuring position
- Quick and simple adjustment of the release table and the withdrawal of the key
- Customized anvils manufactured based on the components to measure available on request (provide drawing)
- Adjustable measuring force
- Led tolerances status
- Data output USB and Proximity
- Set including: bench table, special table and anvils

Cable output Proximity to USB
(926.6721) or RS232 (926.6723)

Integrated display

Built-in
Bluetooth®

Adjustment withdrawal
of the key

Quick and simple adjustment
of the release table

Release
lever

Quick release of the table

**SWISS
MADE**

Built-in
Bluetooth®

USB

PROXIMITY

WATER RESISTANT

IP67

Cable output mini-USB to USB
(926.6001)

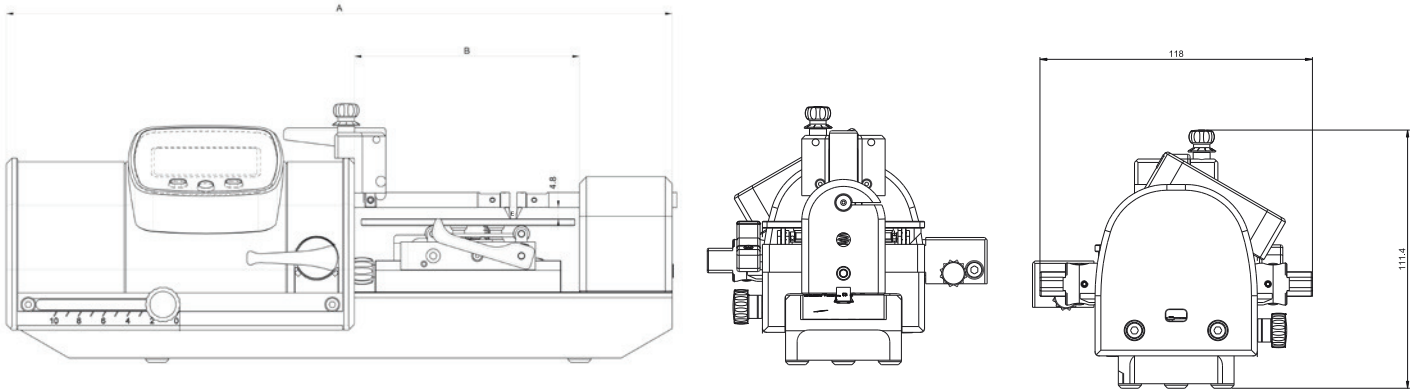


Bench table

PS16 V2 Goutte

DIMENSIONAL DRAWINGS

SMART



TECHNICAL SPECIFICATIONS

| External measurement | | 808.5213 | 808.5413 |
|------------------------------|----|---|----------|
| Max. Capacity C | mm | 25 | 50 |
| Quick clearance | mm | 7 | 7 |
| Measuring range E | mm | 3 | 3 |
| Resolution | µm | 0.1 | 0.1 |
| Max. Error | µm | 2.5 | 3.5 |
| Repeatability | µm | 0.5 | 0.5 |
| Table dimensions (lxL) | mm | 58x70 | 92x70 |
| Measuring force (Adjustable) | N | 0.1 - 0.6 ¹⁾ | |
| Weight | kg | 4.0 | 4.7 |
| Output data | | Bluetooth® wireless technology* / RS232 / USB | |
| A | mm | 232 | 287 |
| B | mm | 66 | 97 |

¹⁾ ± 20%

BASIC INSTRUMENT

- Instrument according to technical specifications
- Lithium battery CR2477 included
- Adapter for Lithium battery CR2032
- Instruction manual
- Calibration certificate
- Table and anvils according to specification
- Dust cover

Bench table

PS16 V2

TABLES, PLATES AND LAPPING



| N° | Designation | PS16 V2 25 | PS16 V2 50 | PS16 V2 LV | 3 points | Goutte |
|----------|--------------------------------|------------|------------|------------|----------|--------|
| 808.2190 | Supporting table XYZ | • | • | | | |
| 808.2302 | Supporting table adjustable XZ | • | • | | | |

ACCESSORIES



| N° | Designation | PS16 V2 25 | PS16 V2 50 | PS16 V2 LV | 3 points | Goutte |
|----------|---|------------|------------|------------|----------|--------|
| 908.2194 | Dial gauge holder (display height / depth) | | | • | | |
| 908.2198 | Replacement lapping stone for 908.2199 | • | • | | | • |
| 908.2199 | Lapping device (3 stones and lapping liquid included) | • | • | | | • |

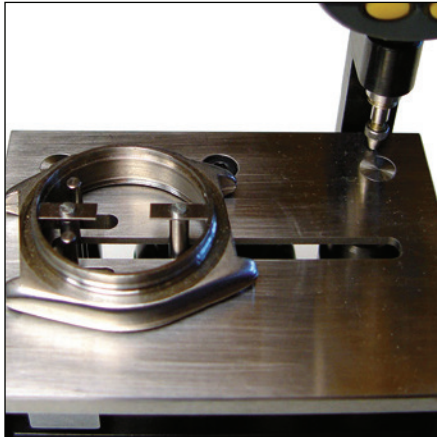
ANVILS

Compatible anvils list at the end of this chapter.

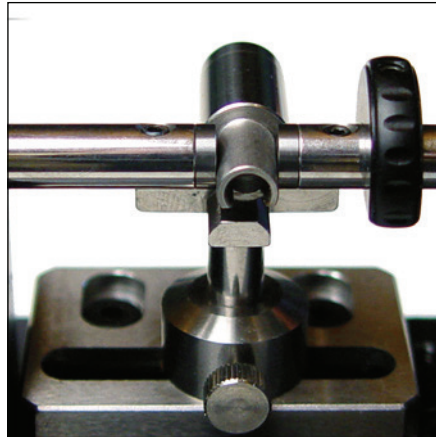
Bench table

PS16 V2

APPLICATIONS



Internal measurement in 2 – points with auto-centering of the part on LVS 50



External measurement with anvils Ø 6.5 and XYZ table

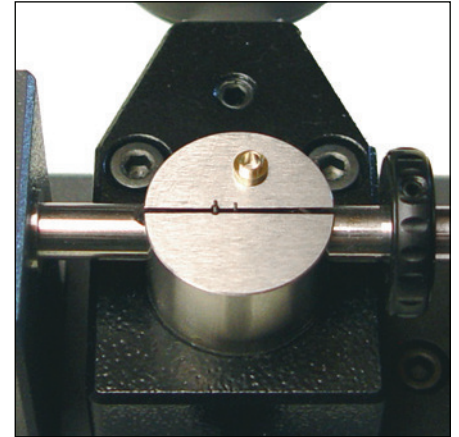


Table and anvils for internal measurement in 3 - points 1.3 - 2.5 mm

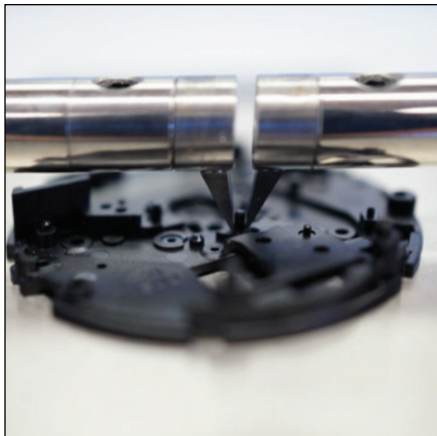
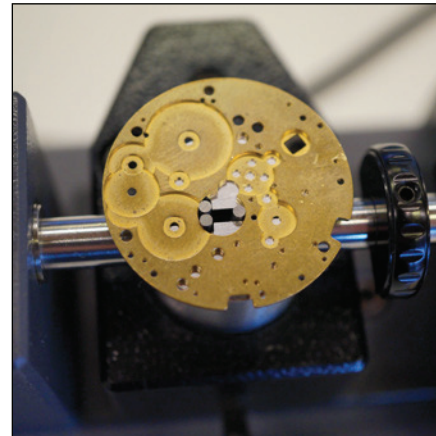


Table with adjustable plate (height). Different Ø plates available



3 – points internal measurement

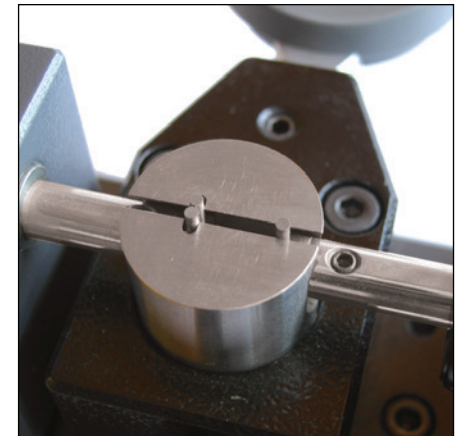


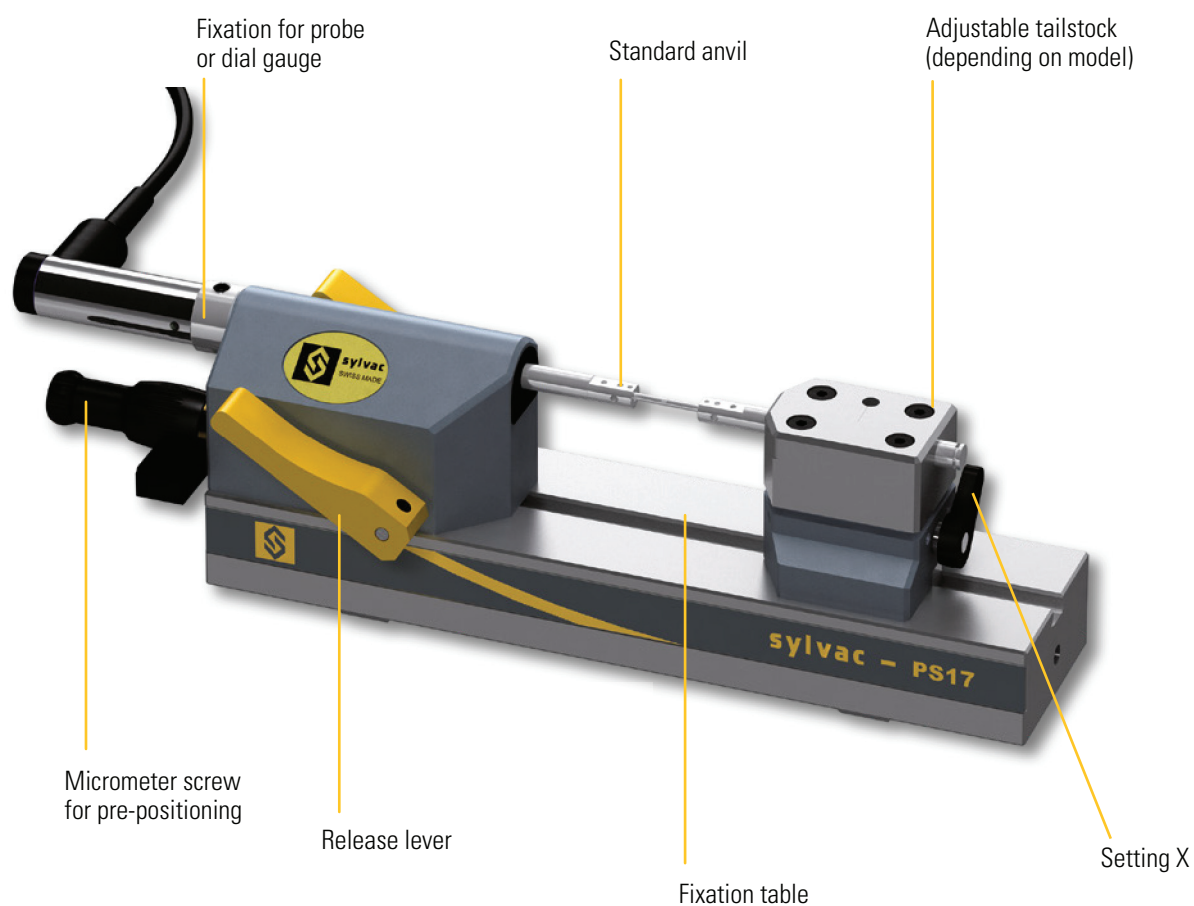
Table and anvils for internal measurement in 3 - points 2.5 - 4 mm

Bench table

PS17 VS/VP

DESCRIPTION

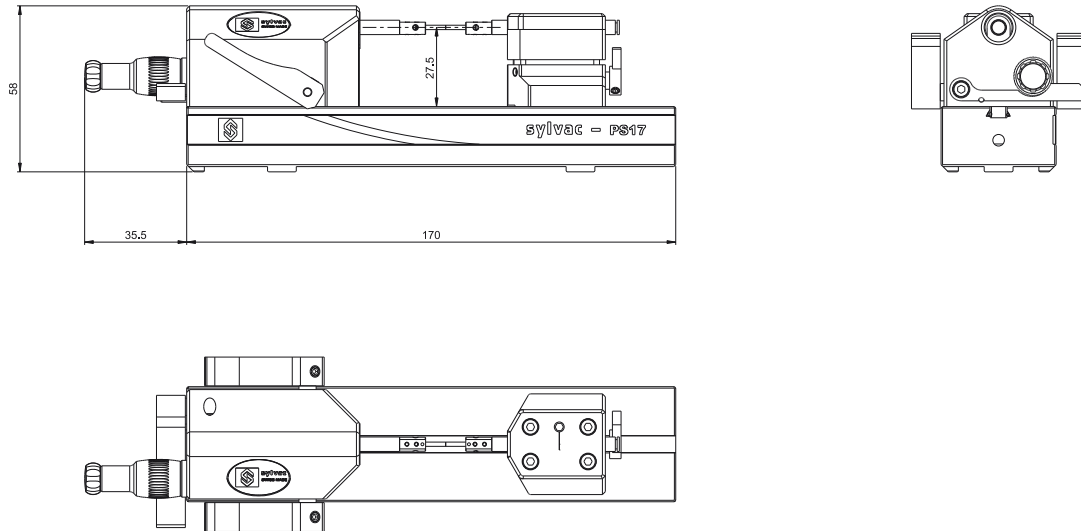
- Measuring bench with great flexibility of use for external dimensions
- Tailstock adjustable in X axis (and in Z, depends on model)
- Accurate micrometer screw for pre-positioning
- Compatibility with Sylvac anvils (Ø1.5mm) and Cary type anvils
- Several accessories available
- 2 models : Integrated P10 capacitive probe (VP) or free use with indicator (VS)



Bench table

PS17 VS/VP

DIMENSIONAL DRAWING



TECHNICAL SPECIFICATIONS

| | | 908.1240 | 908.1241 | 908.1242 | 908.1243 |
|---|----|--------------------------|------------------|--------------------------|------------------|
| Type | | VS ¹⁾ | VP ¹⁾ | VS ¹⁾ | VP ¹⁾ |
| Measuring system | | Dial gauge ²⁾ | Probe 10 mm | Dial gauge ²⁾ | Probe 10 mm |
| Tailstock adjustable in Z ± 1.75 mm | | | | • | • |
| Measurement capacity C | mm | 37 | | | |
| Measuring scale | mm | 10 | | | |
| Adjustable measuring force | N | 0.2 - 1.0 | | | |
| Weight | kg | 1.4 | 1.5 | 1.4 | 1.5 |
| Clamping anvils $\varnothing 1.5$ mm | | • | | | |
| Compatibility with Cary | | • | | | |
| Micrometer screw | | • | | | |

BASIC INSTRUMENT

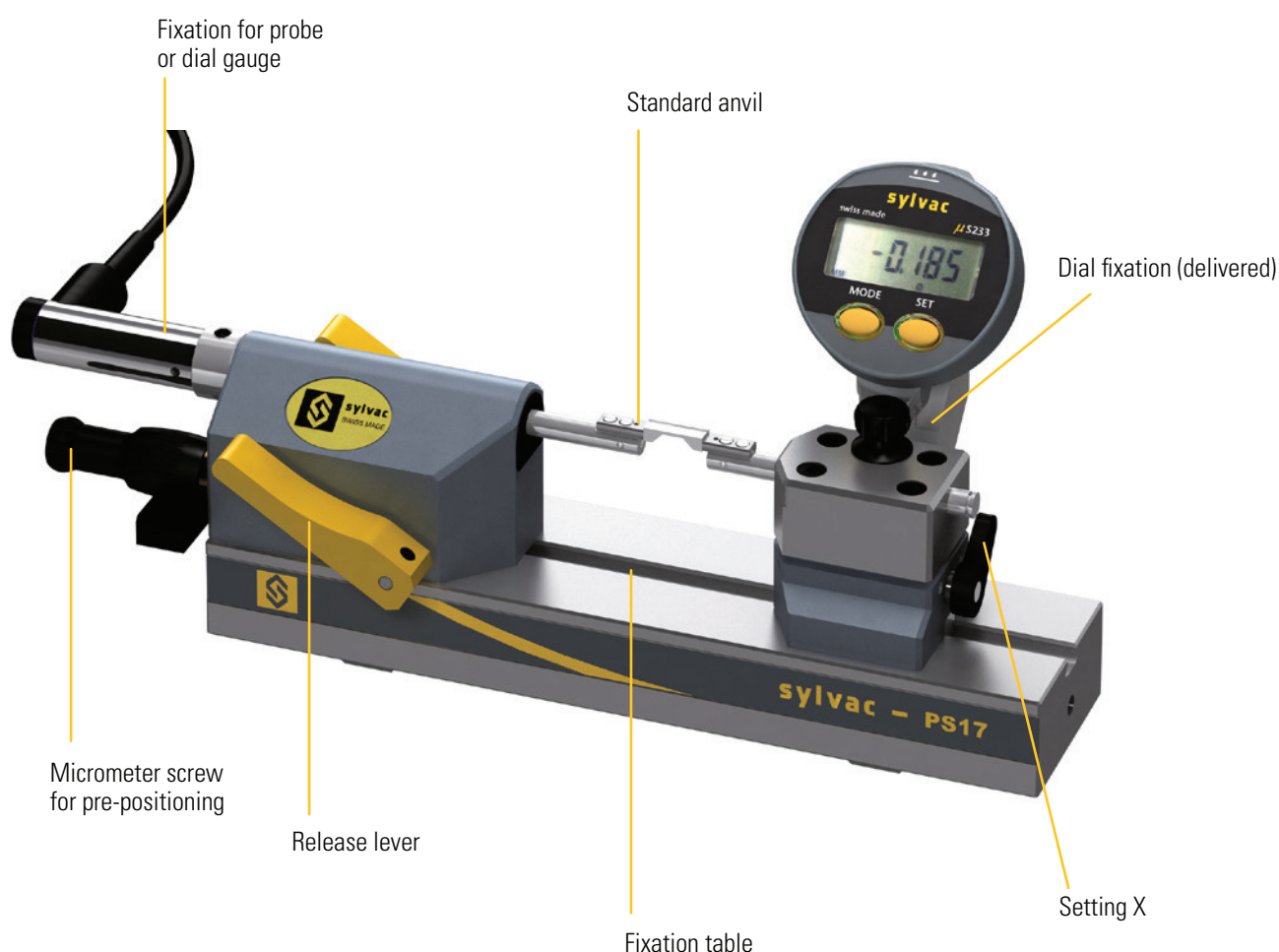
- Instrument according to technical specifications
- Instruction manual
- Measuring anvils $\varnothing 1.5$ mm (908.2175)
- Calibration certificate for VP
- Dust cover

Bench table

PS17 Entre-portée

DESCRIPTION

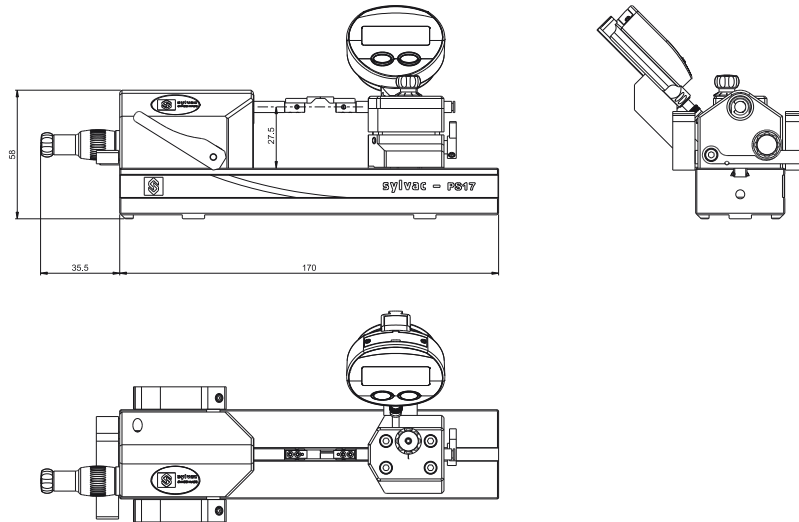
- Measuring bench with great flexibility of use for external dimensions
- Tailstock adjustable in X axis and in Z
- Mini indicator to display the position in Z axis (height) of the tailstock
- Delivered with carbide anvils 0.7mm with 90°V for the measure of distance width
- Accurate micrometer screw for pre-positioning
- Compatibility with Sylvac anvils (Ø1.5mm) and Cary type anvils
- Several accessories available
- 2 models : integrated P10 capacitive probe (VP) or Ø 8mm bore to locate any other measuring devices (VS)



Bench table

PS17 Entre-portée

DIMENSIONAL DRAWINGS



TECHNICAL SPECIFICATIONS

| | | 908.1245 | 908.1244 |
|---|----|-------------------|--------------------------|
| Type | | VP | VS |
| Measuring system | | Probe 10 mm | Dial gauge ¹⁾ |
| Tailstock adjustable in Z ± 1.75 mm | | • | • |
| Measurement capacity C | mm | 0 - 37 | 0 - 37 |
| Measurement scale | mm | 0 - 10 | 0 - 10 |
| Measurement force | N | 1 | 1 |
| Working temperature (storage) | °C | 5 - 40 (-10 - 60) | 5 - 40 (-10 - 60) |
| Weight | kg | 1.4 | 1.4 |
| Cary Compatibility | | • | • |
| Micrometer screw | | • | • |

¹⁾ No-included on delivery

BASIC INSTRUMENT

- Instrument according to technical specifications
- Instruction manual
- Measuring anvils Cary 0.7mm with Vé (908.2220)
- Calibration certificate for VP
- Mini digital indicator
- Dust cover

Bench table

PS17

TABLES, PLATES AND LAPPING



| | | | PS17 VS / VP |
|--|----------|---------------------------------|--------------|
| | N° | Designation | |
| | 908.2290 | Supporting table adjustable XYZ | |
| | 908.2301 | Supporting table adjustable XZ | |
| | 908.2296 | Floating table | |

ACCESSORIES



| | | | PS17 VS / VP |
|--|----------|---|--------------|
| | N° | Designation | |
| | 908.2310 | Kit for low and strong measuring force | |
| | 908.2198 | Replacement lapping stone for 908.2199 | |
| | 908.2199 | Lapping device (3 stones and lapping liquid included) | |

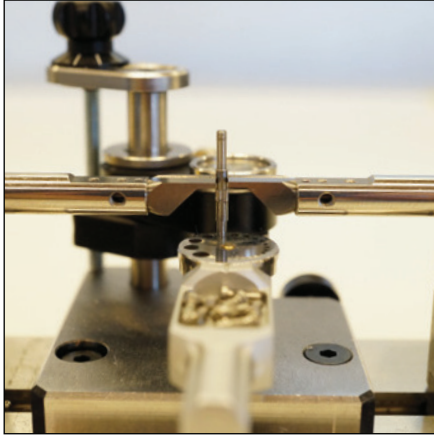
ANVILS

Compatible anvils list at the end of this chapter.

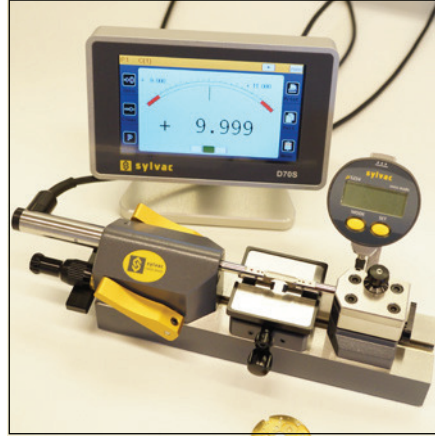
Bench table

PS17

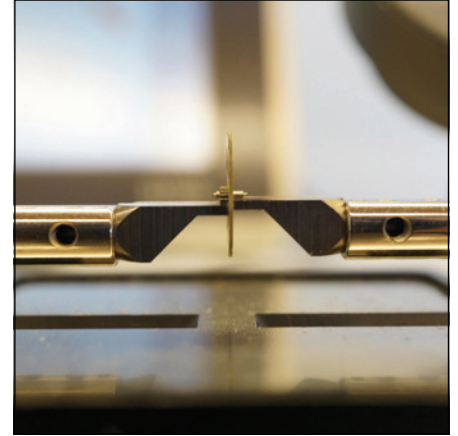
APPLICATIONS STANDARD



Measure of a small part on a floating table



Multifunctional control station



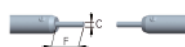
Measure of a distance width with the Z axis adjustable tailstock.

Bench table

PS15/PS16/PS17

ANVILS

Anvils Ø1.5



| N° | Designation | B | F | C | PS15 BH | PS15 BV | PS15 BV+ | PS16 V2 | PS 17 |
|----------|--------------------------------|---|---|-------|---------|---------|----------|---------|-------|
| 908.2175 | Cylindrical anvils TC Ø 1.5 mm | - | 8 | Ø 1.5 | • | | • | • | • |
| 908.2176 | Cylindrical anvils TC Ø 2 mm | - | 8 | Ø 2 | • | | • | • | • |
| 908.2177 | Cylindrical anvils TC Ø 6.5 mm | - | 2 | Ø 6.5 | | | | • | |



| | | | | | | | | | |
|----------|---|------|-----|---|---|--|---|---|---|
| 908.2174 | Knife-shaped anvils TC 0.7 mm | 0.70 | 2.2 | 4 | • | | • | • | • |
| 908.2178 | Knife-shaped anvils TC 0.4 mm | 0.40 | 2.2 | 4 | • | | • | • | • |
| 908.2179 | Knife-shaped anvils TC 0.3 mm | 0.30 | 2.2 | 4 | • | | • | • | • |
| 908.2180 | Knife-shaped anvils standard TC 0.2 mm | 0.20 | 2.2 | 4 | • | | • | • | • |
| 908.2181 | Knife-shaped anvils standard TC 0.14 mm | 0.14 | 2.2 | 4 | • | | • | | • |
| 908.2182 | Knife-shaped anvils standard TC 0.1 mm | 0.10 | 2.2 | 4 | • | | • | | • |



| | | | | | | | | | |
|----------|---------------------------------|------|-----|---|---|--|---|---|---|
| 908.2201 | Knife-shaped anvils TC 0.7 mm/V | 0.70 | 2.2 | 4 | • | | • | • | • |
|----------|---------------------------------|------|-----|---|---|--|---|---|---|



| | | | | | | | | | |
|----------|--|-----|-----|---|---|--|---|---|---|
| 908.2202 | Knife-shaped anvils standard TC 1.5 mm | 1.5 | 2.2 | 4 | • | | • | • | • |
|----------|--|-----|-----|---|---|--|---|---|---|



Bench table

PS15/PS16/PS17

ANVILS

Anvils Cary



| | | B | F | C | PS15 BH | PS15 BV | PS15 BV+ | PS16 V2 | PS 17 |
|---|--------------------------------|-----------------------------------|------|-----|---------|---------|----------|---------|-------|
| N° | Designation | | | | | | | | |
| 908.2214 | Knife-shaped anvils TC 0.10 mm | 0.10 | 2.2 | 4 | ● | | | | ● |
| 908.2221 | Knife-shaped anvils TC 0.12 mm | 0.12 | 2.2 | 4 | ● | | | | ● |
| 908.2215 | Knife-shaped anvils TC 0.14 mm | 0.14 | 2.2 | 4 | ● | | | | ● |
| 908.2213 | Knife-shaped anvils TC 0.15 mm | 0.15 | 2.2 | 4 | ● | | | ● | ● |
| 908.2216 | Knife-shaped anvils TC 0.20 mm | 0.20 | 2.2 | 4 | ● | | | ● | ● |
| 908.2217 | Knife-shaped anvils TC 0.30 mm | 0.30 | 2.2 | 4 | ● | | | ● | ● |
| 908.2218 | Knife-shaped anvils TC 0.40 mm | 0.40 | 2.2 | 4 | ● | | | ● | ● |
| 908.2219 | Knife-shaped anvils TC 0.70 mm | 0.70 | 2.2 | 4 | ● | | | ● | ● |
|  | 908.2220 | Knife-shaped anvils TC 0.70 mm/vé | 0.70 | 2.2 | 4 | ● | | ● | ● |
| | 908.2223 | Knife-shaped anvils TC 1.5 mm | - | 6 | Ø1.5 | ● | | ● | ● |
| | 908.2224 | Cylindrical anvils TC Ø 1.5 mm | - | 6 | Ø2 | ● | | ● | ● |
|  | 908.2225 | Cylindrical anvils TC Ø 2.0 mm | - | 6 | Ø3 | ● | | ● | ● |
| | 908.2222 | Cylindrical anvils TC Ø 3.0 mm | 1.50 | 2.2 | 4 | ● | | ● | ● |

