

BESTSELLERS 2023-2024

Validity : 01.04.23-31.03.24



Bluetooth®
5



NOW WITH BLUETOOTH® 5 TECHNOLOGY
INCREASED AUTONOMY, AMPLIFIED RANGE,
IMPROVED STABILITY AND MORE...



OUR SMART INSTRUMENTS NOW FEATURE BT5 TECHNOLOGY AVAILABLE AT NO EXTRA COST!

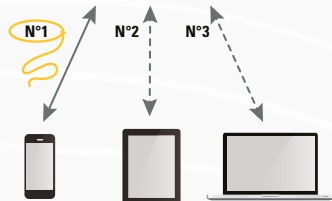
To determine which instruments are equipped with Bluetooth® 4.0 or Bluetooth® 5 technology, simply check for the small identification sticker on both the packaging and the product itself.



BLUETOOTH® CONNECTIVITY



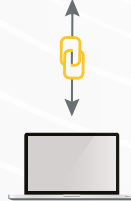
SIMPLE



Instruments can be connected to multiple devices, but only one connection can be active at a time, with connections being established on a "first come, first served" basis.



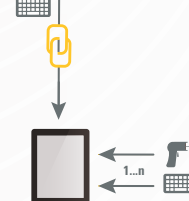
PAIRED



Several instruments connected and locked (paired) to a specific device, enabling the setup of numerous control stations in a limited area.



HID*



An instrument can be connected only to one specific device, but device can accept multiple inputs (keyboards, bar code reader, etc.)

DONGLE BT 4.0 (CURRENT)

- Compatible with instruments BT 5.0
- Up to 8 instruments connected
- No « Long range » mode



981-7100

DONGLE BT 5.0 (NEW)

- « Long range » mode
- Up to 8 instruments connected for the time being*
- Also compatible with BT 4.0 instruments (BT 5 functions unavailable)



981-7101

* more instruments connected in development.



NEW FEATURES OF BLUETOOTH® 5 INSTRUMENTS



CHECK OUT
THE CATALOGUE

BENEFITS of Bluetooth® 5

- Long range mode activated with Sylcom software*
- Improved stability against perturbations
- Enhanced battery life

TO IMPROVE BLUETOOTH RANGE

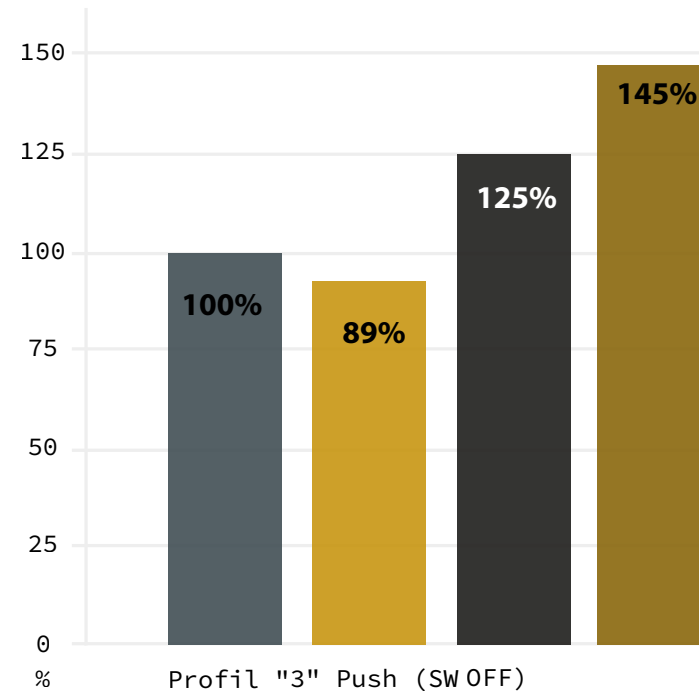
- 1 Place the dongle at a height of 1.5-2 meters.
- 2 Do not plug the dongle direct into the PC tower
- 3 Use a USB 2.0 extension/hub*
- 4 Space the dongles at least 20cm apart
- 5 Ensure that there are no metal walls obstructing the signal between the dongle and the instruments



BATTERY LIFE VS PROFILES AND CONNECTION MODES

Bluetooth battery life

ECO mode up to +30%



Profile 3: 8/24, 5/7 connected, otherwise standby SIS (Disconnected, master side switched OFF)



WHEN SIZE MATTERS ! DIGITAL MINI INDICATORS Ø45MM



CHECK OUT
THE CATALOGUE

MINI INDICATORS

S_Dial MINI

- The smallest digital indicators on the market
- Available in 3 different executions
- Connectable via Bluetooth® and Power Cable Connectivity
- Easy-to-change battery

NEW BATTERY COVER WITHOUT SCREW

FOLLOW THE TUTORIAL TO
EASILY REPLACE THE BATTERY



Standard
execution

805-6121

Standard execution
without lifting cap

805-6123

Protected
execution

805-6125

Number	Model	Range (mm)	Resolution (mm)	Lifting cap	Analogic scale	Output	Execution	Protection
805-4121	Basic	12.5	0.01	✓	---	Power*	Standard	IP54
805-4125	Basic	12.5	0.01	---	---	Power*	Protected	IP67
805-4521	Basic	12.5	0.001	✓	---	Power*	Standard	IP54
805-4525	Basic	12.5	0.001	---	---	Power*	Protected	IP67
805-6121	Smart	12.5	0.01	✓	✓	Bluetooth®	Standard	IP67
805-6123	Smart	12.5	0.01	---	✓	Bluetooth®	Standard	IP67
805-6125	Smart	12.5	0.01	---	✓	Bluetooth®	Protected	IP67
805-6523	Smart	12.5	0.001	---	✓	Bluetooth®	Standard	IP67
805-6521	Smart	12.5	0.001	✓	✓	Bluetooth®	Standard	IP67
805-6525	Smart	12.5	0.001	---	✓	Bluetooth®	Protected	IP67

* Power cable to USB or RS32 connections



COMPACT LEVER INDICATOR WITH BLUETOOTH® TECHNOLOGY Ø45MM DIAMETER, A WORLD-FIRST INNOVATION

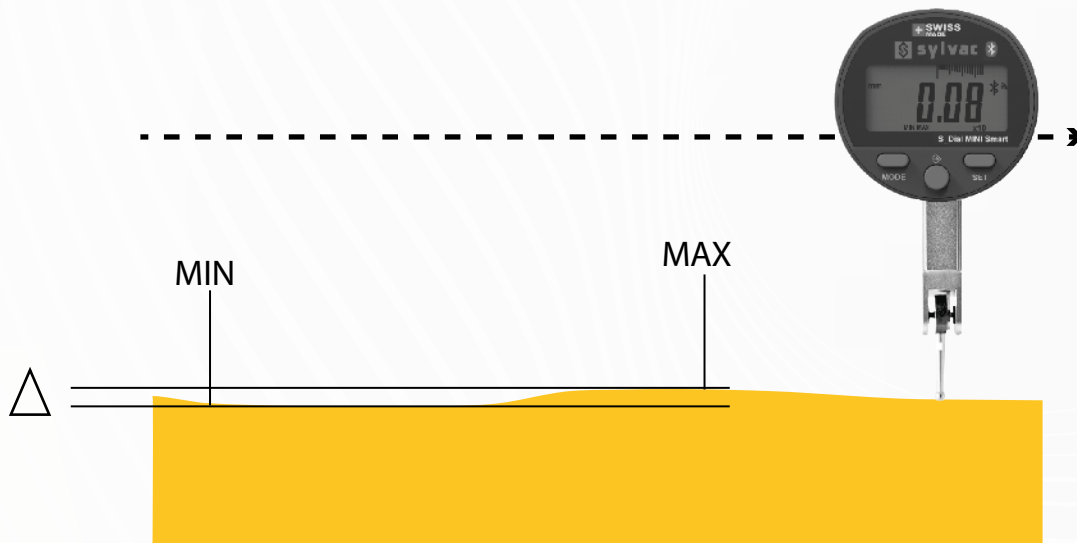


CHECK OUT
THE CATALOGUE

LEVER INDICATORS

S_Dial TEST Smart

- Digital display with analog scale
- Rotating display over 270°
- Bluetooth® and Power cable connectivity



805-4321



805-4323

Compatible with insert
length 12.5 and 36.5mm,
thread M1.4



Power cable :

Output cable Power to USB or
RS232 (926-6821/905-4516)

Number	Range (mm)	Contact point (mm)	Resolution (mm)	Force (N)	CP interchangeable
805-4321	0.8	12.5	0.001	0.15	---
805-4322	2.0	36.5	0.001	0.06	---
805-4323	0.8 / 2.0	12.5 / 36.5	0.001	0.15 / 0.06	✓



MARKET-LEADING RANGE: WIDEST SELECTION AVAILABLE AND TRUSTED WORLDWIDE



CHECK OUT
THE CATALOGUE

INDICATORS

S_Dial WORK Advanced

- 270° Rotating Display
- Up to 150mm Range
- 0.001mm Resolution on all below references
- Bluetooth®, Proximity, and Power Cable Connectivity

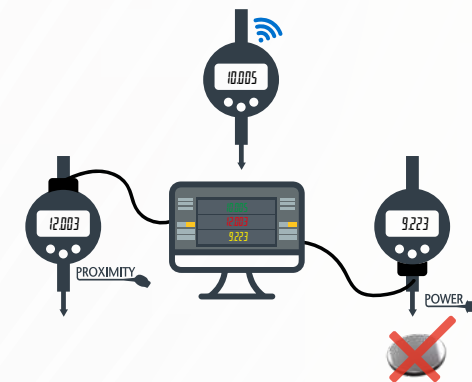
Indication of
tolerance status



Number	Range (mm)	Max. error (µm)	Output
805-5301	12.5	3	Cable
805-6301	12.5	3	Bluetooth®
805-5501	25	4	Cable
805-6501	25	4	Bluetooth®
805-5621	50	5	Cable
805-6621	50	5	Bluetooth®
805-5661	100	6	Cable
805-6661	100	6	Bluetooth®
805-5681	150	10	Cable**

** /Available in Bluetooth® version on request.

3 possibilities to
get connected :





INDICATORS SPECIAL EXECUTIONS



CHECK OUT
THE CATALOGUE

INDICATORS S_Dial WORK

CBG

- Special execution allowing to memorizes internal diameter with cylinder bore gauge
- High 0.001mm resolution
- Digital display with analog scale

μ



805-6317



Sylvac Anywhere & Sylcom

Nano & Nano Smart

- One of the most accurate digital indicators on the market
- Resolution up to 0.0001mm
- Increased accuracy
- Bluetooth®, Proximity, and Power Cable Connectivity

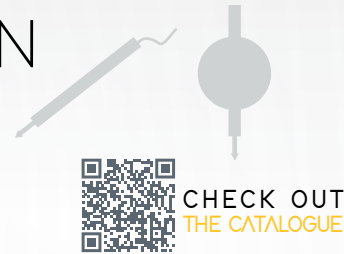
0.1 μ



805-6306

Number	Model	Range (mm)	Resolution (mm)	Max. error (μ m)	Output
805-6317	CBG	12.5	0.001	2	Bluetooth® & Cable
805-5306	Nano	12.5	0.0001	1.2	Cable
805-6306	Nano Smart	12.5	0.0001	1.2	Bluetooth® & Cable
805-5506	Nano	25	0.0001	1.6	Cable
805-6506	Nano Smart	25	0.0001	1.6	Bluetooth® & Cable

OPEN CONNECTOR INSTRUMENTS FOR AUTOMATION DIRECT CONNECTION TO PLC



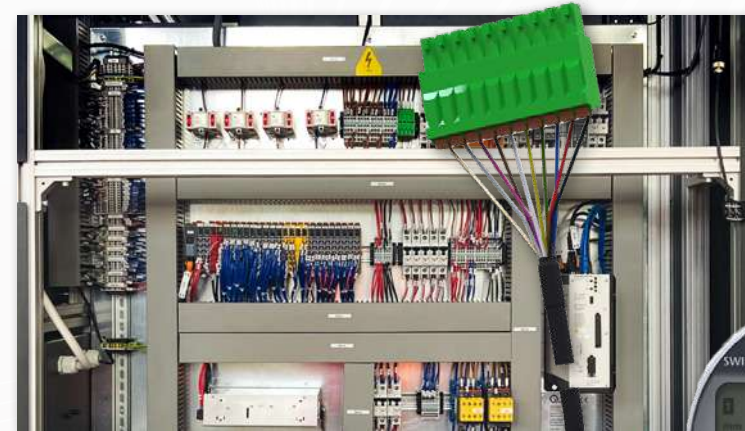
PROBE P12D OPEN

- 2 meter cable length with "open connector" type featuring 4 colored wires based on DIN 47100 for communication with PLCs
- Direct digital output signal without the need for a converter
- Compatible with ASCII and ORBIT communication protocols



INDICATORS S_Dial WORK PLC

- 3 meter cable length and "open connector" type with 10 colored wires based on DIN 47100 for communication with PLCs
- Compatible with RS485 communication protocol
- Supports ASCII, MODBUS, and ORBIT communication protocols



Number	Model	Range (mm)	Resolution (μm)	Max. error (μm)	Protection
805-7201	Indicator	12.5	10	10	IP54
805-7301	Indicator	12.5	1	4	IP67
805-7401	Indicator	25	10	10	IP54
805-7501	Indicator	25	1	5	IP67
801-0412	Probe	12.7	0.1	1.8	IP54



MORE PRECISE THAN PROBES RANGE UP TO 100 MM



CHECK OUT
THE CATALOGUE

INDICATORS

S_Dial PRO Smart

- Equipped with a special measuring system that is corrected point by point for top accuracy across the entire measuring range
- Resolution up to 0.0001 mm (0.1µm)
- Repeatability 0.2µm
- Available in 8 or 25mm mounting diameters for rigidity
- Bluetooth®, Proximity, and Power Cable Connectivity

Indication of
tolerance status



0.1µm

Number	Range (mm)	Force (N)	Max. error (µm)	Mounting
805-8501	25	0.75-1	1.0	Ø8
805-8502	25	0.3*	1.0	Ø8
805-8601	50	0.85-1.2	1.2	Ø8
805-8701	50	0.4*	1.2	Ø8
805-8602	50	0.85-1.2	1.2	Ø25
805-8702	50	0.4*	1.2	Ø25
805-8661	100	0.9-1.3	1.8	Ø8

* version without spring

805-8701

805-602



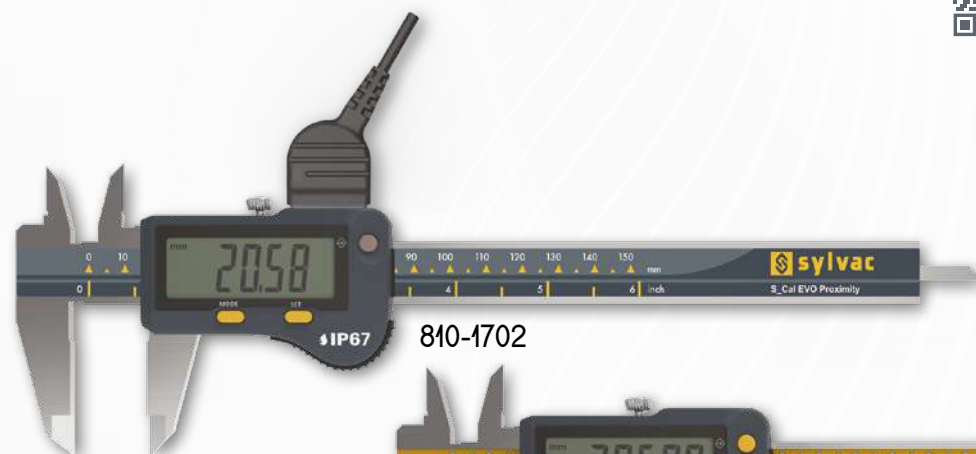
CALIPERS FOR WIRED DATA COLLECTION



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THE CATALOGUE

CALIPERS S_Cal EVO Proximity

- Digital calipers with XL display
- Connectable via Proximity cable
- Also available in micron resolution



810-1702



810-9702



910-2207



Number	Model	Range (mm)	Depth rod (mm)	Resolution (mm)
810-1702	Proximity	150	4x1.4	0.01
810-1707	Proximity	150	Ø1.5	0.01
810-1722	Proximity	200	4x1.4	0.01
810-1732	Proximity	300	-	0.01
810-9702	Proximity Micron	150	4x1.4	0.001
810-9707	Proximity Micron	150	Ø1.5	0.001
810-2205	Thumb wheel for Proximity EVO calipers			
910-2207	Set of anvils for all EVO calipers			

Optional thumb wheel



810-2205



CALIPERS WITH INTEGRATED BLUETOOTH® TECHNOLOGY



CHECK OUT
THE VIDEO !

CALIPERS S_Cal EVO Smart

- Digital calipers with XL display
- Connectable via Bluetooth® technology
- Also available in micron resolution

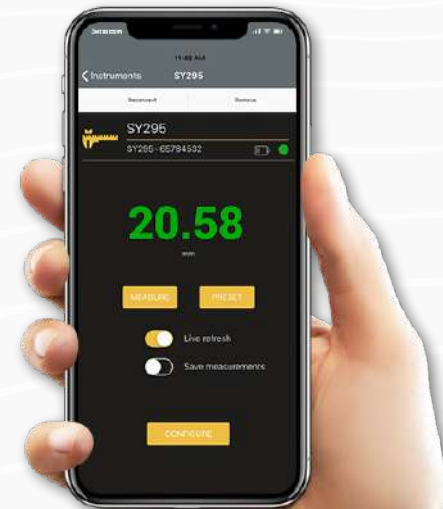


HID profile :

Data transmission to any software,
no dongle required !



Number	Model	Range (mm)	Depth rod (mm)	Resolution (mm)
810-1506	Smart	150	4x1.4	0.01
810-1516	Smart	150	Ø1.5	0.01
810-1526	Smart	200	4x1.4	0.01
810-1536	Smart	300	-	0.01
810-9506	Smart Micron	150	4x1.4	0.001
810-9516	Smart Micron	150	Ø1.5	0.001
810-2203	Thumb wheel for Smart EVO calipers			



Sylvac Anywhere

Connect all your Sylvac
instruments to the App



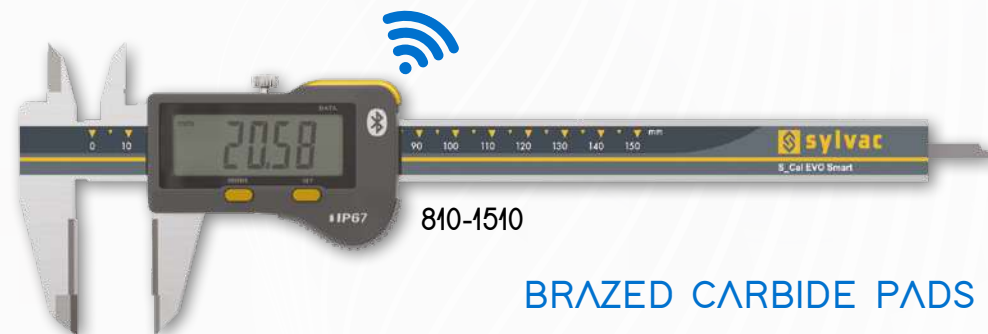
CALIPERS SPECIAL JAWS & BLUETOOTH® TECHNOLOGY



CHECK OUT
THE CATALOGUE

CALIPERS S_Cal EVO Special Jaws

- Digital calipers with XL display
- Connectable via Bluetooth® technology
- Special jaws



Number	Model	Range (mm)	Depth rod (mm)	Resolution (mm)
810-1510	Carbide Smart	150	4x1.4	0.01
810-1546	Form E Smart	150	-	0.01
810-1556	Form B Smart	200	-	0.01
810-1558	Form B Smart	300	-	0.01
810-1600	IG Smart	150	4x1.4	0.01
810-1601	PJ Smart	150	4x1.4	0.01
810-1602	EG Smart	150	4x1.4	0.01
810-1603	DM Smart	150	4x1.4	0.01
810-2203	Thumb wheel for Smart EVO calipers			

External groove measurement
with S_Cal EVO IG





LARGE CALIPERS WITH INTEGRATED BLUETOOTH® TECHNOLOGY



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THE CATALOGUE

ULTRALIGHT CALIPERS

UL4 Smart

- Professional ultralight digital calipers
- Integrated Bluetooth® technology
- Measuring range up to 3000mm



Jaws version C



Jaws version A



Number	Model	Range (mm)	Max. error (µm)	Resolution (mm)	Weight (kg)
811-1404	UL4 Smart	400	30	0.01	1.5
811-1406	UL4 Smart	600	40	0.01	1.6
811-1410	UL4 Smart	1000	50	0.01	1.9
811-1415	UL4 Smart	1500	90	0.01	2.3
811-1420	UL4 Smart	2000	120	0.01	2.6
811-1425	UL4 Smart	2500	150	0.01	2.9
811-1430	UL4 Smart	3000	200	0.01	3.3
811-2316-99	Jaws A	Jaws length to specify with order, max. 300mm			
811-2317-99	Jaws A	Jaws length to specify with order, max. 400mm			
811-2319-99	Jaws C	Jaws length to specify with order, max. 300mm			



811-1404

Standard jaws
Titanium coated



QUICK MICROMETERS, CYLINDRICAL ANVILS THE FASTEST MICROMETER ON THE MARKET

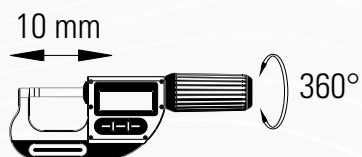


CHECK OUT
THE CATALOGUE

MICROMETERS

S_Mike PRO

- Quick 10mm linear movement per rotation
- Spindle Ø6.5mm
- Extended measuring range
- Adjustable force (5/10N) for models 0-30mm
- Proximity and Bluetooth® versions available



803-0300



Number	Output	Range (mm)	Anvil type (mm)
803-0300	Proximity	0-30	Ø6.5
803-0306	Bluetooth®	0-30	Ø6.5
903-0600	Proximity	30-66	Ø6.5
903-0606	Bluetooth®	30-66	Ø6.5
903-1000	Proximity	66-102	Ø6.5
903-1006	Bluetooth®	66-102	Ø6.5
903-1360	Proximity*	100-136	Ø6.5
903-1600	Proximity*	125-161	Ø6.5

* available in Bluetooth® Technology version on request





QUICK MICROMETERS WITH SPECIAL ANVILS A FAST MICROMETER FOR EVERY APPLICATION



CHECK OUT
THE CATALOGUE

MICROMETERS

S_Mike PRO



1 Cylindrical
Ø2x5 mm



2 Knife
0.75x6.5 mm



3 Disks Ø25 mm



4 Cone 30°



5 Knife 0.5x7.5 mm -
Cone



6 Ball Ø7 mm- flat



7 Ball Ø7 mm -
spherical r3.5 mm

	Number	Output	Range (mm)	Anvil type (mm)
1	803-0301	Proximity	0-25	Ø2
	803-0307	Bluetooth®	0-25	Ø2
	903-0601	Proximity*	25-60	Ø2
	903-1001	Proximity*	60-95	Ø2
2	803-0302	Proximity	0-25	0.75x6.5
	803-0308	Bluetooth®	0-25	0.75x6.5
	903-0602	Proximity*	25-60	0.75x6.5
	903-1002	Proximity*	60-95	0.75x6.5
3	903-1602	Proximity*	120-155	0.75x6.5
	803-0303	Proximity	0-30	Ø25
	803-0313	Bluetooth®	0-30	Ø25
	903-0613	Bluetooth®**	30-66	Ø25
4	903-1013	Bluetooth®**	66-102	Ø25
	803-0310	Bluetooth®**	0-25	Cone 30°
5	803-0309	Bluetooth®**	0-25	0.5x7.5 - cone
6	803-0304	Proximity*	0-30	Ø7 - flat
7	803-0305	Proximity*	0-30	2x Ø7



803-0307



803-0308

* available in Bluetooth® Technology version on request

** available in Proximity version on request





ROTATING SPINDLE MICROMETER WITH INTEGRATED BLUETOOTH® TECHNOLOGY

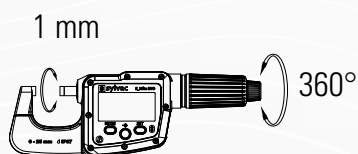


CHECK OUT
THE CATALOGUE

MICROMETERS

S_Mike EVO Smart

- No-return effect rotating spindle
- Improved accuracy : 2µm max. error
- Spindle Ø6.5mm
- 10N force
- Cylindrical anvils



FRICION THIMBLE

RECOMMENDED FOR FIXED
PART

IMPROVED REPEATABILITY



Number	Output	Range (mm)	Anvil type (mm)
803-6025	Bluetooth®	0-25	Ø6.5
803-6050	Bluetooth®	25-50	Ø6.5
803-6075	Bluetooth®	50-75	Ø6.5
803-6100	Bluetooth®	75-100	Ø6.5



TIME TO UPDATE YOUR MICROSCOPES WITH BLUETOOTH® MICROMETER HEADS



CHECK OUT
THE CATALOGUE

MICROMETER HEADS

S_Screw Smart

- Ø45mm dial with 270° rotation for X or Y axis use
- Fixing by Ø12h6
- Non-rotating spindle Ø6.5mm with hard metal tip
- Steering wheel Ø50mm



826-2601



Number	Model	Range (mm)
852-2601	S_Screw 25	0-25
852-2611	S_Screw 50	0-50

CALIBRATION RECORD

DATE 20 / 04 / 22

CALIBRATED BY Dick Wolf

NEXT DUE 19 / 04 / 23



Thanks to our software Sylcom, you can manage the calibration of your Sylvac IIOT instruments :

- When the calibration date approaches display can blink.
- When the calibration due date is exceeded, the instrument can be blocked with **CAL** displayed.

SYLCOM



DIGITAL INTERNAL BORE GAUGES MEASURE ANY INTERNAL FEATURES



CHECK OUT
THE VIDEO !

BORE GAUGES

Xtreme Smart

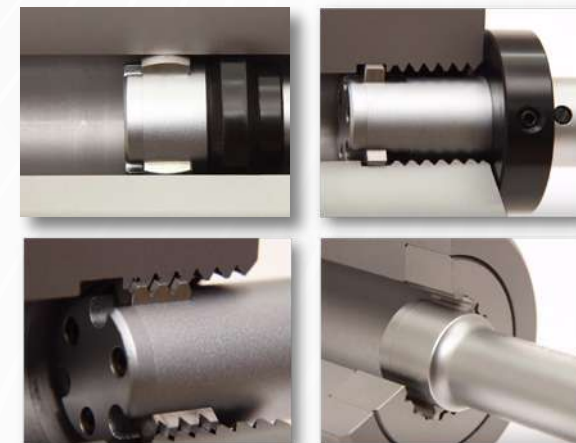
- Professional bore gauges
- Connectable via Bluetooth® technology
- Versions available with ratchet (XTD) or pistol grip (XTH)



XTD



XTH



Special heads for grooves, threads, splines, etc. available on request.

Number XT3D	Number XT3H	Range (mm)
950-6011	954-6011	6-8
950-6012	954-6012	8-10
950-6013	954-6013	10-12.5
950-6014	954-6014	12.5-16
950-6015	954-6015	16-20
950-6016	954-6016	20-25

Number XT3D	Number XT3H	Range (mm)
950-6017	954-6017	25-35
950-6018	954-6018	35-50
950-6019	954-6019	50-65
950-6020	954-6020	65-80
950-6021	954-6021	80-100
950-6022	954-6022	100-125



INTERNAL BORE GAUGES SETS XTD INCLUDING UNIT, HEAD AND SETTING RING



CHECK OUT
THE VIDEO !

BORE GAUGES Xtreme Smart Sets SXTDU

- Bore gauge sets with display unit for each head
- Integrated Bluetooth® technology
- Economical and efficient



Sets consisting of complete instruments



Number	Model	Range (mm)	Number of digital units	Heads	Number of rings	Protection
951-7103	SXTD3U-BT	6-10	2	6-8 & 8-10mm	1	IP67
951-7104	SXTD4U-BT	10-20	3	10-12.5, 12.5-16 & 16-20mm	2	IP67
951-7105	SXTD5U-BT	20-50	3	20-25, 25-35 & 35-50mm	2	IP67
951-7106	SXTD6U-BT	50-100	3	50-65, 65-80 & 80-100mm	2	IP67



SMALL PARTS TO MEASURE BIG CHALLENGE !



CHECK OUT
THE VIDEO !

BENCH TABLES PS15

- Available in horizontal and vertical versions
- Compatible with both digital indicators and Sylvac measuring probes
- Measuring range of 10mm
- Adjustable measuring force 0.3-1.0 N



Knife shaped anvils and special
anvils available on request



Number	Version	Anvil fixation (mm)	Standard anvils (mm)
808-1215	Horizontal	Ø1.5 & Cary	Ø1.5
808-1216	Vertical	M2.5 & Cary	Ø5
808-1218	Vertical	Ø1.5 & Cary	Ø1.5
908-2170	Supporting table XYZ for horizontal bench table		
908-2172	Rotating table with 25 holes for vertical bench table		

* digital indicator, probe and/or table not included





ONE MEASURING BENCH FOR EACH APPLICATION



CHECK OUT
THE VIDEO !

BENCH TABLES

PS16 V2

- Robust cast iron construction
- Large display resolution 0.0001 mm (0.1 μ m)
- Tolerance status indication by colour LEDs
- Adjustable measuring force 0.1-0.6 N
- Features 2 ergonomic, position-adjustable levers
- Connects via Bluetooth® and proximity cable.

Knife shaped anvils and special
anvils available on request



808-1233
LV - internal version

0.1 μ



808-1231
External dimensions version



808-1337
3-Point internal version

Number	Version	Range (mm)	Standard anvils (mm)
808-1231	External dimensions	0-25	Ø1.5
808-1232	External dimensions	0-50	Ø1.5
808-1233	LV-internal	Ø12-62	Thickness 0.4
808-1234	LV-internal	Ø18-68	Thickness 0.4
808-1335	3-Point Internal	Ø0.8-1.3	Ø1.5
808-1336	3-Point Internal	Ø1.3-2.5	Ø1.5
808-1337	3-Point Internal	Ø2.5-4.0	Ø1.5
808-1338	3-Point Internal	Ø4.0-8.0	Ø1.5
808-1339	3-Point Internal	Ø8.0-12.5	Ø1.5

908-2170

Supporting table XYZ for 908-1231 & 908-1238





NEW VERSION BETTER THAN EVER ! WITH INTEGRATED BLUETOOTH® TECHNOLOGY



CHECK OUT
THE VIDEO !

HEIGHT GAUGES Hi_Cal Smart

- Completely redesigned motorized measuring height gauges
- Dynamic control of the probe movement speed
- New, larger and more ergonomic display
- Multiple functions: inside and outside diameter, centre-to-centre, MIN/MAX/Delta, etc.
- New: Delivered with Ruby ball probe Ø3mm and depth measurement probe



New display



Motorised



Compact size
and light weight



830-0156



830-0306



830-0456

1 μ

Number	Model	Range (mm)	Repeatability (μ m)	Max. error (μ m)
830-0156	Hi_Cal 150	155	2	2.5+L/175
830-0306	Hi_Cal 300	320	2	2.5+L/175
830-0456	Hi_Cal 450	470	2	2.5+L/175

Large choice of accessories
available for all models



FOR SIMPLE OR HIGHER MEASUREMENTS ONE INSTRUMENT FOR EVERY APPLICATION



CHECK OUT
THE CATALOGUE

HEIGHT GAUGES

Hi_Gage One Smart & Z5

Hi_Gage One Smart

- First tracing and measuring height gauge with integrated
- Bluetooth® technology
- Fast displacement
- New blocking system of the carriage
- Delivered with tracing probe

Z5

- Trimos technology
- Manual or motor-driven displacement (switchable)
- «Black Mask» display with user-friendly functions
- Electronically adjustable measuring force
- Air cushion
- Multiple functions: inside and outside diameter, centre-to-centre, MIN/MAX/Delta, etc.
- Delivered with Ruby ball probe Ø4mm
- Optional Bluetooth® accessory compatible with Sylcom



840-0406

840-0606



981-7200
Bluetooth®
module

830-0700

Number	Model	Range (mm)	Repeatability (µm)	Max. error (µm)
830-0406	Hi_Gage 400	400	10	40
830-0606	Hi_Gage 600	600	10	50
936-0700	Z5	711	2	2.5+L/300
981-7200	Bluetooth® module for Z5			



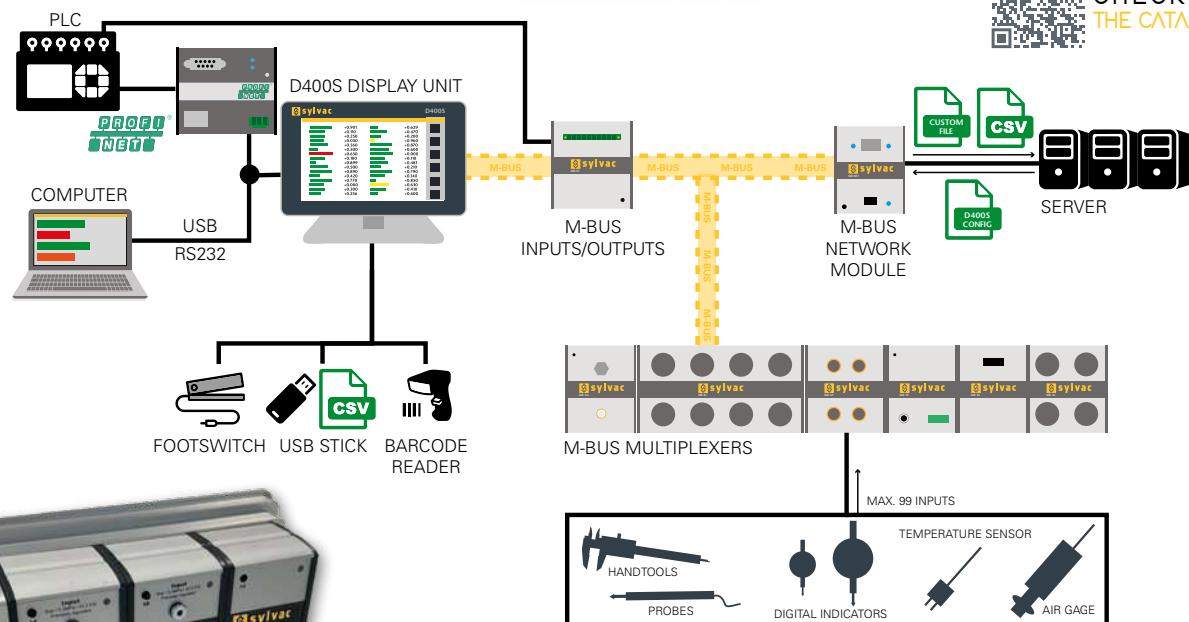
MULTI-FUNCTIONAL UNIT UP TO 99 INSTRUMENTS CONNECTED



NO WINDOWS CE = NO VIRUS

DISPLAY UNIT D400S

- 7" multifunctional unit with touchscreen interface
- Connect instruments, probes, air gages, sensors, etc.
- Display up to 32 characteristics per screen
- Many functions and features
- Live monitoring and statistical analysis



CHECK OUT
THE CATALOGUE



M-BUS Mounting kit

New firmware with advanced functions, sequence mode with :

- Customizable traceability fields
- GO/NG judgement
- Values entered manually for instruments not connected

Number	Inputs/instruments
804-2400	Display unit D400S (see M-Bus modules for connecting instruments)
804-2210	M-BUS mounting kit on back side of D400S unit
804-2202	Bracket for pannel mounting
904-4103	Table switch trigger
904-4101	Foot pedal trigger

904-4103



Table switch trigger



CONNECTING MODULES FOR PLC AND DISPLAY UNITS



CHECK OUT
THE CATALOGUE

MODULES M-Bus & accessories

- Interfacing and connecting modules allowing to connect Sylvac probes, air gauges and various other instruments from different brands (including Mitutoyo) to our display units, to PC and PLC.



Number	Model	Description
804-2160	M-Bus RS	Master module for connection to PC and PLC
804-2130	M-Bus I/O	8 Opto-coupled Input/Output for automation
804-2107	M-Bus 4i	4 inputs for inductive probes (Sylvac + Tesa compatible)
804-2108	M-Bus 8i	8 inputs for inductive probes (Sylvac + Tesa compatible)
804-2190	M-Bus Δ G	1 input for air gauge (any supplier)
804-2105	M-Bus 4P	4 inputs for Sylvac Digital probes P12D
804-2114	MB-4D	4 inputs for Digimatic (Mitutoyo) instruments
804-2111	MB-1D	1 input for Digimatic (Mitutoyo) instrument
804-2170	MB-TP	1 input for a thermocouple or PT100 temperature sensor/probe
804-2132	MB-NET	Module with Ethernet connector to transfer data to a server
804-2133	MB-RO	1 relay input for cable M12
804-2211	Cable	M12 cable for module MB-RO
804-2205	Cable	M8 cable to connect M-BUS to D70A and D70i units
925-5609	Cable	To connect M-BUS modules to D400S unit

804-2130 :
M-Bus I/O for
automation.



804-2133 :
M-Bus RO, relay module
for pneumatic probes
lifting and air saving
systems.



804-2132 :
M-Bus NET to transfer
data to a server.





DISPLAY UNITS FOR MEASURING PROBES FOR WORKSHOP AND CONTROL ROOM



CHECK OUT
THE CATALOGUE

DIGITAL DISPLAY

D62S Advanced

- Display unit for Sylvac P12D probes (M8)
- Simple or double display with bargraph, needle, and indication of tolerance status
- Direct measurement or Min, Max, Average, Max-Min
- Built-in battery with 8 hours of autonomy
- Bluetooth®, USB and RS232 connection



Ideal for mobile
control stations

DIGITAL DISPLAY

D70I

- Display unit 4.3" for Sylvac inductive probes
- Simple or double display with bargraph, needle or no-tolerances
- Direct measurement or Min, Max, Average, Max-Min
- USB and RS232 connection



Number	Model	Inputs/instruments	Protection (front face)
804-1063	D62S Advanced	2x P12D (M8) probes	IP65
804-2071	D70I	2x P2/P5i probes	IP65

AIR MEASUREMENT IS SO SIMPLE AND EFFICIENT ALTERNATIVE TO AIR COLUMNS



CHECK OUT
THE CATALOGUE

DIGITAL DISPLAY D70A

- Ultimate D70A display unit for air gages
- User-friendly touch-screen interface
- Configurable & batch/part management
- Air pressure and temperature alarms



804-2075

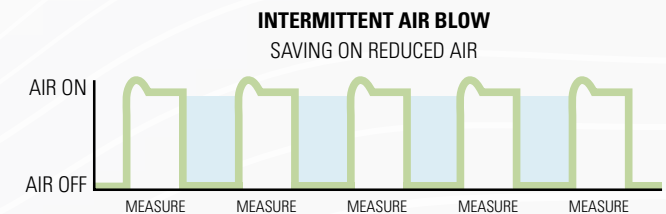
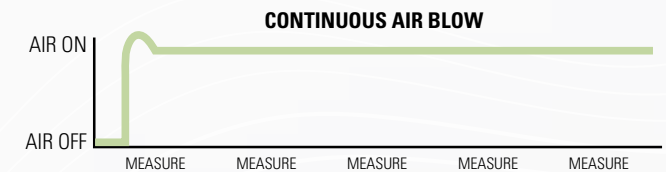


SAVE UP TO 50% ON YOUR ENERGY BILL!

Introducing a new energy-saving system enabling automatic air supply cut-off when D70A and D400S units are not in use. A menu integrated into the unit allows for fine-tuning of the ECO mode by configuring the time delay and wake-up threshold. The implementation of this approach necessitates the use of the MB-RO module, M12 cable, and an air preparation kit featuring an air-cut valve.



804-2203



804-2212

Number	Model	Inputs
804-2074	D70A - 1	1 input for air gauge (any supplier)
804-2075	D70A - 2	2 inputs for air gauge (any supplier)
904-2203		Air preparation kit
804-2212		Air preparation kit with air-cut energy saving system



MEASURING PROBES NO COMPROMISE ON ACCURACY

DIGITAL PROBES

S_Probes



P12D

- Patented dual inductive and capacitive system
- Absolute system with integrated correction, no more pairing needed
- Resolution up to $0.01 \mu\text{m}$
- Repeatability up to $0.08 \mu\text{m}$
- Available in different versions : M8 or USB connector
- Compatible with PC (USB), D62S and D400S units (M8) through M-Bus multiplexer
- Long life precision bearing guidance up to 100 million cycles

P2i/P5i

- Half bridge (HBT) analogue gauging probes
- Specially designed to be used with jigs/fixtures
- Long-life precision bearing guidance (tested up to 13 million cycles)
- Excellent repeatability
- Available in 2 versions: spring push and pneumatic push
- Compatible with D70i and D300SV2/D400S units through M-Bus multiplexer



804-2213 :
Requires D400S unit + MB-RO module
+ M12 cable



CHECK OUT
THE CATALOGUE

Number	Model	Push type	Range (mm)	Force (N)	Accuracy % / Max. error (μm)	Resolution (μm)	Repeatability (μm)
900-1101	P2i	Spring	± 2	0.7	0.15	< 0.1	0.15
900-1102	P2iP	Pneumatic	± 2	0.7 - 2.6	0.15	< 0.1	0.15
900-1111	P5i	Spring	± 5	0.7	0.15	< 0.1	0.15
900-1112	P5iP	Pneumatic	± 5	0.7 - 2.6	0.15	< 0.1	0.15
801-1012	P12D USB	Spring	± 2.7	0.2 - 0.3	0.6	0.01	0.08
801-1018	P12D USB	Spring	± 2.7	0.06	0.6	0.01	0.08
801-0012	P12D WORK USB	Spring	± 2.7	0.4 - 0.8	1.8	0.1	0.2
801-1212	P12D M8	Spring	± 2.7	0.2 - 0.3	0.6	0.01	0.08
801-1218	P12D M8	Spring	± 2.7	0.06	0.6	0.01	0.08
801-0212	P12D WORK M8	Spring	± 2.7	0.4 - 0.8	1.8	0.1	0.2
804-2213	Air preparation	Air preparation for pneumatic probes lifting with D400S unit					





GAPS AND ANGLES MEASUREMENT WHEN THERE IS NO ROOM FOR ERROR

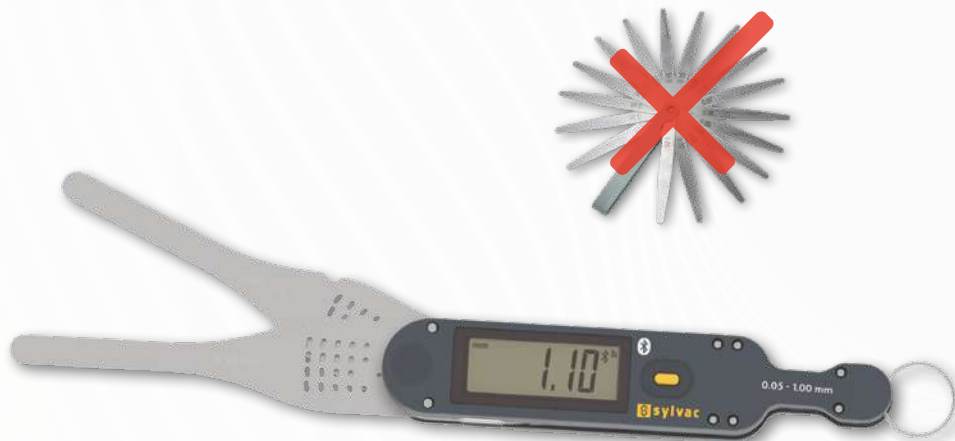


CHECK OUT
THE CATALOGUE

DIGITAL

Feeler Gage Smart

- First-ever digital feeler gage
- Display shows the combined thickness of all blades pulled out
- Available with mm and inch blades
- Data transfer by Bluetooth®



Eliminates the risk of miscalculation

Number	Type	Blades
921-0100	mm	20 (0.05-1) mm
921-0110	mm	19 (0.04-1) mm
921-0114	inch	14 (.0020-.0031) in

DIGITAL

Protractor Smart

- Measuring range : 1x 360°, 2x 180°, 4x 90°
- Angular value display in : Degrees, resolution 0.01° / Degrees/minute, resolution 0°01' / Radian, resolution .0001
- Data transfer by Bluetooth® or cable



Indication of
tolerance status



Eliminates the risk of misreading

Number	Display
820-1706	1x360°, 2x180°, 4x90°

SYLCOM : DATA ACQUISITION MADE EASY



Fast and error
free acquisition



Live and remote
monitoring



Historical data



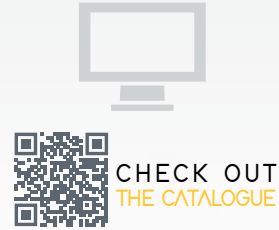
Easy export



SY

SYLCOM DATA PROCESSING SOFTWARE

FREE TRIAL



SOFTWARE

Sylcom

- **SYLCOM LITE** Sylcom LITE : 1 instrument / free version
- **SYLCOM STANDARD** Sylcom STANDARD : 16 instruments / Standard functions / M-BUS compatible
- **SYLCOM PRO** Sylcom PRO : 128 instruments (40 BT max.) / Control plans, monitoring & SPC
- **SYLCOM EXPERT** Sylcom EXPERT : 500 instruments (on the fly mode) / OPC-UA / Machine Tool corrector

Accessories :



926-6721



926-6821



981-7100



981-7101



926-7022



Number Dongle/Digital license	Model
981-7132 / 981-7129	Sylcom STANDARD
981-7240 / 981-7245	Sylcom PRO
981-7250 / 981-7255	Sylcom EXPERT
926-6721	Proximity-USB cable
926-6821	Power-USB cable
981-7100	Dongle Bluetooth® 4.0
981-7101	Dongle Bluetooth® 5
926-7022	Bluetooth® footpedal

Discover the new
Sylcom Expert features :

MTC : center your
production.



On the Fly : collect data
of 100 instruments in
just 6 seconds.





3D REPLICAS

AVOID DESTRUCTIVE TESTING AND SPEED UP QUALITY CONTROL PROCESS



CHECK OUT
THE CATALOGUE

REPLICAS

Plastiform® products

- As an excellent complement to our Sylvac optical machines, Plastiform® bi-component products allow to obtain in a few minutes very precise impressions (replicas) of all the details of the surface to which they have been applied.
- Depending on the type of Plastiform® product used, a complete or partial impression will be obtained with a soft, semi-flexible, rigid or semi-rigid consistency that can be measured optically on VISIO and SCAN machines.
- These products make it possible to avoid having to cut and therefore destroy sometimes expensive parts in order to be able to control them, or having to dismantle and move more important.



Reference

928-6006

Description

Starting case with Plastiform products, Twin blades cutter and accessories

OPTICAL MACHINES TOP-QUALITY MANUAL VIDEO MEASURING SYSTEM



CHECK OUT
THE CATALOGUE

OPTICAL MACHINES VISIO V3

- High quality ergonomic 2.5D optical (video) measuring system with manual movement of the stage
- Extremely robust and durable construction with granite base and column
- Full HD camera with wide field of view for increased accuracy
- Lighting with ring light adjustable in segments, coaxial light and diascope light
- Manual or motorised zoom depending on the version, magnification 24x-144x (12x-288x with additional lenses)
- Delivered complete with a computer with touch screen and the very easy to use Reflex-Vista software offering a wide range of functionalities.



FOR THOSE LOOKING FOR A HIGH
QUALITY AND DURABLE MACHINE

MANUFACTURED IN SWITZERLAND

Number	Model	Stage movement (mm)	Zoom
902-2210	Visio 200	200x100x150	Manual 4x
902-2211	Visio 200	200x100x150	Motorized 6x
902-2310	Visio 300	300x200x150	Motorized 6x



OPTICAL MACHINES ULTRA-FAST MEASUREMENT OF CYLINDRICAL PARTS



CHECK OUT
THE CATALOGUE

OPTICAL MACHINES SCAN

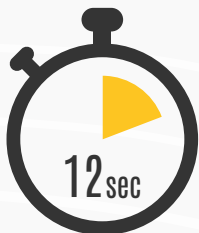
- Vertical optical measuring machines for very fast static and dynamic measurement of various features on cylindrical workpieces. The parts can be mounted in between centers or held in place thanks to various accessories. One machine replaces several measuring equipment such as traditional handtools, roundness tester, countracrer, projector, etc.

In one click and in a few seconds you get all the results:



Pinion shafts

35 features in 12 seconds



Bone screws

29 features in 3 seconds



Camshafts

62 features in 21 seconds



Micron accuracy
Range up to $\varnothing 145\text{mm}$
Length up to 1280mm
Weight up to 100kg.





CHECK OUT
THE CATALOGUE

SCAN

-

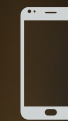
A large, dark grey industrial X-ray scanner. On the left side, there is a yellow square logo with a stylized 'S' and the word 'spin' below it. In the center, a cylindrical object is being scanned. On the right side, a tablet is mounted, displaying a software interface with various colored bars and data. Below the tablet, the text 'SCAN 525T' is visible in white. At the bottom right, there is a red circular button with the word 'stop' next to it.



Number	Model	Range (mm)	Tilting system
902-4020	SCAN S25	Ø26 x 200	No
902-4025	SCAN S25T	Ø26 x 200	Yes
902-4060	SCAN F60	Ø64 x 300	No
902-4065	SCAN F60T	Ø64 x 300	Yes
902-4062	SCAN F60L	Ø64 x 500	No
902-4067	SCAN F60LT	Ø64 x 500	Yes
902-4145	SCAN S145	Ø145 x 600	No
902-4147	SCAN S145L	Ø145 x 1280	No



VISUALIZE, STORE AND EXPORT DATA
COMPATIBLE WITH ALL SYLVAC INSTRUMENTS



FREE APP

Sylvac Anywhere

Connect all your Sylvac instruments to the App

**ANYTIME.
ANYWHERE.**



Android



Apple

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www.sylvac.ch

Validity : 01.04.23-31.03.24