

# Sylvac softwares

## A DATA TRANSFER

### SYLCOM

Sylcom is the latest software product to be launched by Sylvac and has been designed to process information from instruments connected via Bluetooth® Wireless technology or via a USB cable. It creates an almost limitless number of display channels spread over one or several pages. Several display modes are available so that the status of the variable measured (GO/NG) can be visualised instantaneously. Sylcom can also be used to measure components sequentially, to collect all values simultaneously and to define a time interval in order to save values automatically. The data can be saved in Sylcom and then exported to an Excel file.

The concept is to offer a modular software application based on the specific functionalities required.

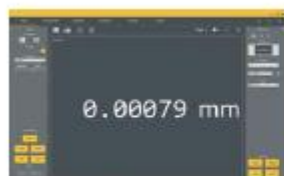


Free Sylcom LITE version on [www.sylvac.ch](http://www.sylvac.ch)

A free version **Sylcom Lite**, limited to one connection can be downloaded free of charge from our website. The full version of **Sylcom Standard** with the capacity to connect up to 16 instruments, the **Sylcom Advanced** version (Additional package) with the capacity to connect up to 128 instruments (max. 40 instruments with Bluetooth® Wireless technology with advanced functions and connections to M-Bus modules) and the **Sylcom Pro** (Additional package, contains Sylcom Advanced, or full version) version with control plans, can be purchased online from our website or from the Sylvac distributor in your country. Further modules will be available in the future to expand the possible uses of Sylcom.

Your metrology partner for the new challenges ahead!

We hope that all the in-formation described above has convinced you that Sylvac is not only a manufacturer of innovative and high-quality measuring instruments but also the partner you need to help your quality control evolve towards the new industrial model that awaits us.



Channel display



Multi-channel display with colour-coded tolerances



Statistics



Control plans

#### Softwares SYLCOM

Sylcom LITE

Sylcom Standard

Sylcom Advanced

Sylcom Pro

Upgrade Sylconnect to Sylcom\*

#### Order number Dongle licence

-

981.7132

981.7232

981.7240

981.7139

#### Order number Digital licence

FREE

981.7129

981.7235

981.7245

-

#### Accessories

Dongle Smart

USB pedal

USB pedal robust

Footpedal Smart

#### Order number

981.7100

926.7020

926.7021

926.7022

# Applications

## DATA TRANSFER

A

### Vmux

This software may be considered as a virtual interface which assigns a COM port to instruments connected by wireless Bluetooth® transmission or by USB cable and then redirects the values from these instruments to any Windows software (SPC or other).

For the simplest applications Vmux simply exports the values into a selectable Excel file. Extremely user-friendly, Vmux is an excellent replacement for the multiplexer boxes used in the past.



A free version Vmux Lite, limited to one connection can be downloaded free of charge from our website. The full version of Vmux with the capacity to connect up to 32 instruments (max. 16 instruments with wireless Bluetooth® transmission) can be ordered from the Sylvac distributor in your country.



Basic display



Defining a sequence



Exporting data in Excel®



Port COM changing



Softwares **Vmux**

	Order number
Vmux LITE	FREE
Vmux (Dongle licence)	981.7161
Vmux (Digital licence)	981.7163

Try the free version Vmux LITE available on our website [www.sylvac.ch](http://www.sylvac.ch)

Accessories

	Order number
Dongle Smart	981.7100
USB pedal	926.7020
USB pedal robust	926.7021
Footpedal Smart	926.7022

## Applications

## A DATA TRANSFER

## Sylvac Anywhere

Allow to display the instruments values with Wireless *Bluetooth®* Technology on tablets and smartphones Android from version 5.0 and Apple from version IOS9, equipped with Wireless *Bluetooth®* Technology 4.0.

Possibility to saved data on the device and to export them to any compatible application.

Available for free on the Google Play Store and the I'App Store.



### Display

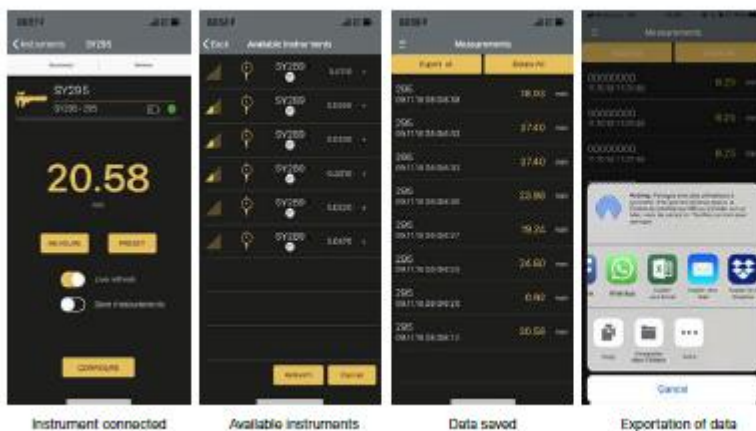


Save



Export

**Dedicated application for Sylvac instruments with old and new Bluetooth® technology.**



**No dongle required !**





# Various softwares

## OVERVIEW OF SOFTWARE AND FUNCTIONS

A

	SYLCOM					VMUX	
	LTE	Standard	Advanced	PRO	Upgrade from Sylconnect	LTE	Standard
		981.7132/29	981.7232	981.7240	981.7139		981.7161
NUMBER OF INSTRUMENTS							
Max. 1	•					•	
Max. 16		•			•		
Max. 32							• <sup>1)</sup>
Up to 128			• <sup>2)</sup>	• <sup>2)</sup>			
PLATFORMS							
Windows 7	•	•	•	•	•	•	•
Windows 8.1	•	•	•	•	•	•	•
Windows 10	•	•	•	•	•	•	•
Dongle required for instruments Smart	(•)	(•)	(•)	(•)	(•)	•	•
FUNCTIONS							
Export CSV	•	•	•	•	•		
Export to Microsoft Excel®	•	•	•	•	•		
Immediate export to external program	•	•	•	•	•	•	•
Communication gateway (virtual COM port)						•	•
Display value	•	•	•	•	•	•	•
Display tolerances	•	•	•	•	•		
Analogue display	•	•	•	•	•		
Chart display	•	•	•	•	•		
Multi-channel		•	•	•	•		•
Flatness and advanced formulas			•	•			
Inspection plan				•			
Statistics				•			
Action sequences		•	•	•	•		
Actions scripts				•			
User management	•	•	•	•	•		
Work menu (controlling instrument menus)	•	•	•	•	•		

<sup>1)</sup> Max. 32 USB or 16 USB and 16 instruments with Bluetooth® Wireless technology

<sup>2)</sup> via Mbus (depends on hardware), max. 40 instruments with Bluetooth® Wireless technology (5 dongles)

# Wireless transmission

# Dongle Smart

## A DESCRIPTION

- Possibility to connect up to 8 instruments per dongle
- Duplex data transmission
- Plug and play !
- Individual identification of each instrument with *Bluetooth®* wireless technology
- Automatic detection of instruments



## TECHNICAL SPECIFICATIONS

		981.7100
USB		•
Coupled instruments per module		8
Automatic detection of instrument		•
Instruments and software compatibility		D300S & Sylcom & Vmux
Transmission distance <sup>1)</sup>	m	15

<sup>1)</sup> depends on the environment.

# Wireless transmission

# S\_Footswitch Smart

## DESCRIPTION

## FOOTPEDAL SMART

A

- Robust footpedal with Bluetooth® wireless technology
- IP rating IP53
- Battery life : 3 years (Battery CR2477)
- Possibility of triggering sequences from the software Vmux



Dongle with Bluetooth® Wireless technology 981.7100











## TECHNICAL SPECIFICATIONS

S_Footswitch Smart		926.7022	
Connection		Bluetooth® wireless technology*	
Weight	g	260	
Software compatibility		Vmux (1.37 and later) and Sylcom	
Transmission distance <sup>1)</sup>	m	up to 15m	
<sup>1)</sup> depends on the environnement		* Connection with dongle #981.7100	
Accessories		926.7023	985.2217
Description		Fixing plate	Adapter for battery CR2032
Weight	g	85	5

Our cables are available in various lengths indicated below.

On request, we can deliver our special length cables, within the following limits:












- RS232 cables: maximum length 15 meters
- USB cable: maximum length 7 meters.
- Special length cable on request : 926.1999.99

	Standard 2 m	Standard 3 m	Standard 5 m	≤15 m	Bi-directional
	926.5521	—	—	926.5535	
	926.6521	—	—	926.6535	•
	926.6538	—	—	926.6542	•
	926.6539	—	—	926.6543	•
	926.6621	—	—	<sup>1)</sup>	•
	—	905.4516	—	905.4519	•
	—	905.4538	—	<sup>1)</sup>	•
	—	926.6821	—	<sup>1)</sup>	•
	—	926.6838	—	<sup>1)</sup>	•
	—	—	926.6101	—	—

<sup>1)</sup> Maximum 7m (Standard 5m)

S_Cal Pro / S_Mike Pro									
UL4									
S_Depth PRO S_Scale WORK									
Protractor									
S_Dial S233 / S234									
S_Dial ONE / S_Dial WORK S_Dial PRO / Hi_Gage ONE									
Xtreme 2									
Digital microscrew									
Hi_Cal									
PS16 V1 VS									
S_View D50S / D80S PC output									
S_View D200S									
D300S instr. input									
D300S output PC									
D302 / D304									
D400S									
D70S/H/I									
S_Dial WORK PLC									



		Standard 2 m	Standard 3 m	≤15 m	Bi-directional
	Proximity RS232	--	926.6723	<sup>1)</sup>	•
	Proximity USB	--	926.6721	<sup>1)</sup>	•
	RS232 1:1	--	925.5609	<sup>1)</sup>	•
	USB-USB	--	804.1210	--	•
	Mini USB-USB	--	926.6001	--	•
	Adaptator RS-USB	925.1142*	--	--	•
	Booster + footswitch	--	925.1143 <sup>2)</sup>	--	•
	Special - mini-RS232	--	926.5505	--	•
	RS232 1X1 (3 pins wired)	--	804.2201	--	•
	RS232 1X1	--	804.2204	--	•
	M8-RS485	--	804.2205	--	

<sup>1)</sup> Maximum 7m (Standard 5m)

<sup>2)</sup> must be connected with bi-directional cables only

\* The D70 and D400S do not work on Vmux with this adapter

# Cables

# S\_Connect

## CONNECTION

A

S_Cal Pro / S_Mike Pro	UL4	S_Depth PRO / S_Scale WORK	Mesureur d'angles	S_Dial S233 / S234	S_Dial ONE / S_Dial WORK	Hi_Gage ONE	PS16 V2	Digital microcrew	Hi_Cal	PS16 V1 VS	S_View D50S / D80S PC output	S_View D200S	D300S instr. input	D300S output PC	D302 / D304	D400S	D70 H/I	D70 S	D70 A	D62S	Xtreme 3	M-Bus (except RS )	Z5
•	•		•		•	•							•								•		
•	•		•		•	•							•								•		
									•		•	•	• <sup>3)</sup>		•	• <sup>4)</sup>		•		•		•	
												•		•		•						•	
							•		•						•					•			•
3)	3)	3)	3)	3)	3)			3)	3)	3)	•	•				• <sup>5)</sup>	• <sup>5)</sup>	• <sup>5)</sup>	• <sup>5)</sup>	• <sup>5)</sup>	•		
3)	3)	3)	3)	3)	3)			3)		3)										•			
																							•
																	• <sup>7)</sup>		• <sup>7)</sup>				
																	• <sup>8)</sup>		• <sup>8)</sup>				
																			• <sup>9)</sup>				

<sup>3)</sup> must be connected with RS232 cables

<sup>4)</sup> For MB-XX module and RS232 PC connections

<sup>5)</sup> RS232 connection to PC (D70S version and D400S only) bidirectional.  
Versions D70L/H require a crossover RS232 cable.

<sup>6)</sup> Not working on PC

<sup>7)</sup> Update of the units

<sup>8)</sup> Crossover cable for PC connection

<sup>9)</sup> Connection cable for MB-I/O