



HEXAGON
MANUFACTURING INTELLIGENCE



TESA
TECHNOLOGY

PRODUCT INFO



THE TESA CONNECTIVITY SOLUTION *PLUG AND MEASURE*

TESA TLC-BLE WIRELESS  **Bluetooth**® EMITTER +
TESA DATA-VIEWER SOFTWARE

The *TESA TLC-BLE* wireless Bluetooth® emitter allows to connect measuring instruments to a computer.

Thanks to the free software *TESA DATA-VIEWER*, data can be easily collected, analyzed and stored, avoiding transcription errors and ensuring a perfect traceability.

With simple adaptors, all measuring instruments equipped with Opto-RS232, Sub-D RS232 or TESA Link Connector (TLC) output can be easily upgraded to the new TESA TLC-BLE Bluetooth® wireless emitter.



UNIQUE FEATURES:

- EASY UPGRADE OF INSTRUMENTS EQUIPPED WITH OPTO-RS232, SUB-D RS232 OR TLC OUTPUT
- RELIABLE MANAGEMENT OF DATA WITH THE FREE SOFTWARE TESA DATA-VIEWER
- IP67 PROTECTION LEVEL PRESERVED







CONVERT YOUR WORKSHOP OR CONTROL LABORATORY INSTRUMENTS TO THE BLUETOOTH® TECHNOLOGY AND INCREASE YOUR PRODUCTIVITY!

Any instrument with an Opto-RS232, Sub-D RS232 or TLC output can be easily upgraded with the TESA connectivity solution.







In the **TESA TLC-BLE*** starter kit you'll find a Bluetooth® emitter + a dongle + a 1,5 m cable. If you want to connect more instruments, you can buy a single kit (the dongle can be used to connect up to 8 instruments) and multiple Bluetooth® emitters. The 1,5 m cable is useful to optimise reception in workshops where the computer is under the working table/surface.

TESA DATA-VIEWER software can simply display/collect data or it can operate as a bridge to other data processing software (STAT-EXPRESS, Q-DAS...) or Excel.

TECHNICAL SPECIFICATIONS

	04760183 TESA TLC-BLE starter kit	04760184 TESA TLC-BLE emitter	04760185 dongle + 1,5 m cable
			
Operating temperature	+10 °C to +40 °C		
Storage temperature	-10 °C to +40 °C		
IP level	According to host device, IP67 max.		
Power supply	Battery CR2032 3V 230mAh (included)		Via PC
Maximum range	12 m		
Communication protocol	 Bluetooth® low energy technology		
Electromagnetic compatibility compliance	<ul style="list-style-type: none"> • Directive 2014/53/EU • Part 15 of the FCC rules • Industry Canada license-exempt RSS standard(s) 		
Weight	48 g (with battery)	7,2 g (with battery)	41 g
Weight including packaging	82 g	40 g	75 g
Packaging dimension	13x13x2,5 cm		

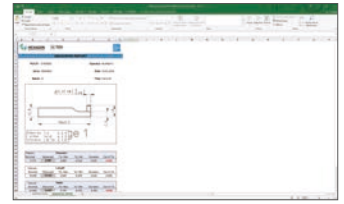
ACCESSORIES

	Designation	Part number
	USB dongle receiver + 1,5 m extension cable + cable fixation - 1x USB dongle can be used with 8 measuring instruments. It is not needed with Windows 10 (Release ≥ 1703, Creators Update) and integrated Bluetooth® 4.0 hardware on computer - 1x 1,5 m extension cable to optimize reception in workshops when the computer is under or behind the working table/surface	04760185
	TLC-BLE emitter	04760184
	Adaptor type Opto-RS232/TLC (without Bluetooth® emitter) with Velcro tape to fix the transmitter unit	04760178**
	Adaptor type Sub-D 9p RS232/TLC (without Bluetooth® emitter) with Velcro tape to fix the transmitter unit	04760179**
	STAT-EXPRESS software	04981002
	USB HID footswitch	04761071

*TESA TLC-BLE wireless Bluetooth® emitter is approved for EU, China, USA and Canada. For other countries, please contact us.

**Adaptors 04760178 and 04760179 are not compatible with TLC-TWIN wireless emitter-receiver.

THE TESA CONNECTIVITY PLUG AND MEASURE SOLUTION












1. Equip your measuring instruments with the Bluetooth® technology (replacing the TLC cap by the new TLC-BLE and an adaptor according to the device).

2. Measure and press button to transfer values via Bluetooth®.

3. TESA DATA-VIEWER software displays and manages data.

4. TESA DATA-VIEWER software can export data to processing software (STAT-EXPRESS, Q-DAS) or Excel.

TESA INSTRUMENTS COMPATIBLE WITH THE TESA TLC-BLE SOLUTION

Instrument	Output type	Starter Kit 04760183	TLC-BLE emitter 04760184
 Caliper TWIN CAL IP 67	TLC	+	●
 Caliper TWIN CAL IP 40	TLC	+	●
 Micrometer MICROMASTER	Opto-RS232	+	● + Adaptor Opto-RS232/TLC part number 04760178
 Internal micrometers TESA CAPA μ SYSTEM	Opto-RS232	+	● + Adaptor Opto-RS232/TLC part number 04760178
 Dial gauge DIGICO Family	Opto-RS232	+	● + Adaptor Opto-RS232/TLC part number 04760178
 Measuring station TESA μ-HITE	TLC		●
 Height gauges TESA-HITE & TESA-HITE Magna	RS-232		● + Adaptor Sub-D 9p RS232/TLC part number 04760179
 Height gauges TESA MICRO-HITE	TLC		●
 Probe display unit TWIN-T10	TLC		●

TESA DATA-VIEWER

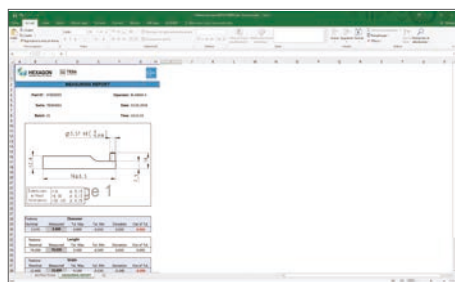
FREE SOFTWARE TO MANAGE DATA ACQUIRED FROM TESA MEASURING INSTRUMENTS

Data acquisition has never been so easy!

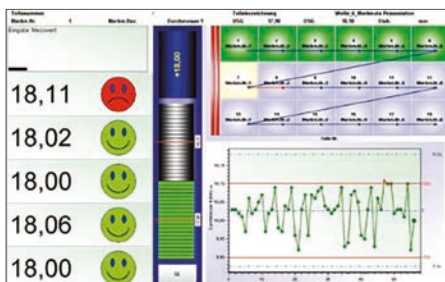
TESA digital instruments with Bluetooth® and USB connection are automatically recognized by the software, and measured values are displayed in a user-friendly environment.

Once data is loaded into TESA DATA-VIEWER software, it can be exported to other software packages such as STAT-EXPRESS, Q-DAS and Excel and personalised using your own format.

- Instruments automatically recognized and connected
- Compatible with most of the TESA instruments
- Bar graph display with adjustable tolerance
- 8 languages available



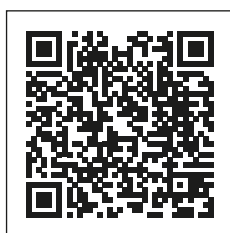
Export to Excel and CSV file



Export to Q-DAS software



Export to STAT-EXPRESS software



[Free download on tesatechnology.com](https://www.tesatechnology.com)

TESA instrument drivers included

Software requirements Windows 7 / 8.1 / 10, 32 & 64-bit processor

Hardware minimal requirements: Intel i5 or equivalent, 4 GB RAM, 100 MB HDD

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