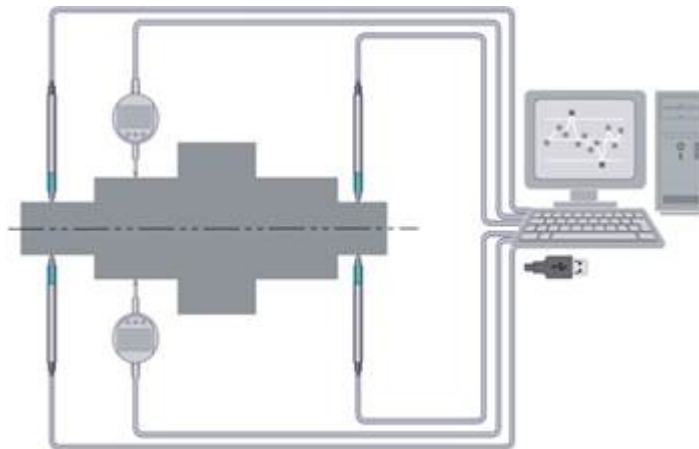




## Inductive USB probes by TESA: Easily create effective and flexible measuring stations!

TESA's inductive USB probes have been considered a reference for adaptability and precision for many years. As they are equipped with a USB plug, they can be directly connected to a computer, so that no display unit or other electronic interface is necessary. Thus, measuring results can directly and immediately be displayed and managed on a computer; the data can be saved, which enables the traceability of all measured values.



*Schema of a measuring station using USB probes connected to a computer*

USB probes are particularly appreciated by users looking for a simple and versatile solution that can be adjusted to various configurations of a workstation as it evolves over time or to different applications. The connection via USB port allows them to easily create measuring stations and to personalise them according to their needs, while still using the same probes with a table measuring stand and the same computer.



*Comparative interior measurement with a USB probe, a VERIBOR and a setting ring*

The TSIP software, which enables the display of values from one to four probes as well as entering tolerances, is included in the delivered contents. It offers numerous functions such as zeroing on a setting standard, the combination of two USB probes +A+B or +A-B and automatic or manual data acquisition. Moreover, all measuring results can be saved in XML format.

It is also possible to use the TESA DATA-DIRECT or TESA STAT-EXPRESS software with the USB probes; these programs are available as an option and offer advanced functionalities such as data export as CSV files or the creation of detailed measuring reports and statistics.



*Measurement of a batch of workpieces and display of results with STAT-EXPRESS software*

The USB probes maintain all the unique characteristics of precision, repeatability and durability for which TESA inductive probes have been famous for over 40 years. These comparative measurement instruments reach a precision below one micron in both static and dynamic measurement modes.



GT 62 USB probe with measuring range of  $\pm 5$  mm

The mechanical construction of the USB probes is identical to the standard model. All USB probes are mounted on a ball bearing, which guarantees minimal sensitivity to any radial force exerted on the measuring bolt. Thanks to highly resistant Viton protection bellows, these probes offer excellent protection against liquids and dust (IP65).

The measuring inserts can be exchanged and replaced. Thus, every user can chose the appropriate insert among a wide range of different geometric forms and sizes. Furthermore, all USB probes are delivered with a measuring report.



Use of a USB probe with an INTERAPID SHE measuring bench

If a customer who already has a standard probe would like to use a USB connection, simply

add the TESA USB adapter cable (03260500 or 03260501), which allows connection to a USB port.

Please [click here](#) to consult the full range of TESA's inductive USB probes in our online catalogue.