



TESA-HITE: THE NEW GENERATION

YOUR BEST METROLOGY EXPERIENCE, BEYOND ACCURACY AND ROBUSTNESS



INSTALL THE MEASUREMENT AS CLOSE AS POSSIBLE TO THE USER

The height gauges of the TESA-HITE range are specially designed for **workshop measurements**, where ensuring quality metrology is generally complicated. These instruments are often subject to harsh environmental factors (temperature, projections, etc.). Under these circumstances it is an essential challenge to make the measurement reliable in order to maintain and effectively increase **the productivity**.



TESA-HITE MAGNA

Its robust magnetic reading system makes it a height gauge for measurements in particularly difficult conditions.

TESA-HITE

Optical reading system for users looking for greater accuracy than its magnetic system counterpart without having to compromise on its long-term reliability.

Available sizes



Onboard (patented) technologies





Available sizes 400 mm - 700 mm

Onboard (patented) technologies





THE SECURITY OF A PRODUCT OF QUALITY

Since their development phase, TESA products are subject to strict internal standards aligned with the most restrictive national standards. Thanks to this close monitoring, all TESA height gauges meet the quality requirements that we strive to keep as sharp as possible.



SCS certificate

Each gauge of the range is delivered with a SCS (Swiss Calibration Service) certificate of measurement.

Any hidden additional extra cost due to a re-certification of the instrument after purchase is avoided.



Calibration process

All the height gauges of the TESA range are calibrated and inspected in accordance with the standards described by the ISO 13225 standard. Each instrument is controlled and calibrated according to processes comparable to a real daily use.

The announced technical specifications are in agreement with a real use of the instrument.



A philosophy of use for everyone

4 interface themes to choose from, ergonomic control panel, context based help etc... the TESA-HITE range has been developed to be more easily accessible by any user profile and to make its current use pleasant.



Short learning time required
 Autonomy of use achieved in maximum 2 hours
 A theme using the interface of the previous models for a "smooth" transition to the more recent models



Clear information

No confusion! At any time, the displayed values correspond solely to a measurement or calculation and not to the instantaneous position of the probe.

Decrease of possible errors due to bad interpretations of the displayed results.



A robust construction

In addition to their spheroidal cast iron base, the models incorporate widely proven materials used in the manufacture of traditional industrial parts.

The components' stability provides reliability of the instrument in the long term.



TESA Reading system (patented) magna System

0-1 18

Backlit colour screen

Refined keyboard

Probe support and probe

Spheroidal cast-iron base

Contact and support surfaces

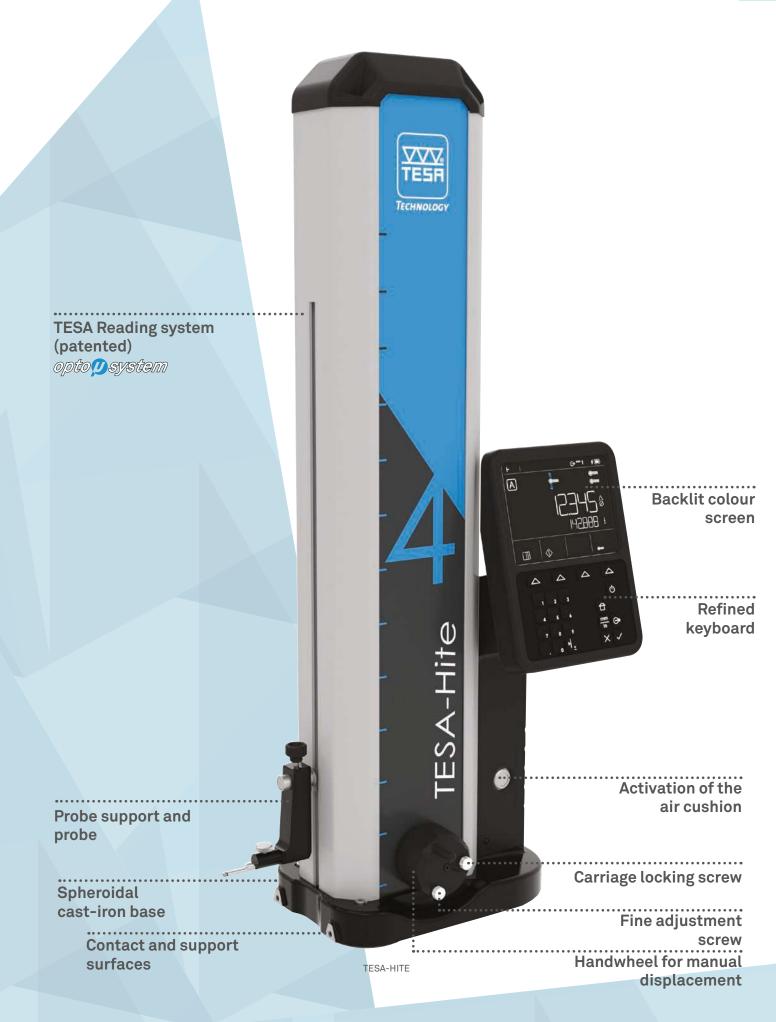
TESA-HITE MAGNA

TESA-Hite

Carriage locking screw

Fine adjustment screw Handwheel for manual displacement

MAIN CHARACTERISTICS

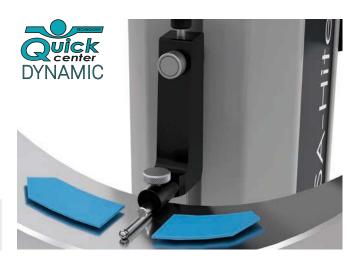




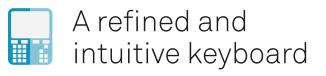
Derived from the proven QUICKCENTER technology integrated in the MICRO-HITE range models, the QUICKCENTER DYNAMIC embedded intelligence is a valuable aid and simplifies the process when measuring culmination points (minimum, maximum) or diameters.

The instrument automatically detects which type of culmination point is being measured and returns the information to the screen without any user intervention except for the measurement itself.

Simplified culmination point measurement process, that drastically reduces the time required for bore/axis measurement.







With a refined panel, with a number of keys reduced to the bare minimum, the handling is easy, fast and leaves no room for confusion.

1 key = 1 function It is no longer necessary to spend long hours learning the instrument. The understanding of the instrument is intuitive, which avoids hidden handling costs during the setting-in.



You are you going to use the height gauge frequently? No problem!

Comfort is definitely an important criterion when using the instrument regularly and the TESA-HITE has been specially developed for this purpose.



Convenient wrist posture when displacing the height gauge on its working table.



Stands up to the challenge

The height gauges of the TESA-HITE range are generally multi-user instruments subject to regular use in demanding environments. In this context, the control panel acts as a link between the instrument and the user. Due to its intensive use it is a sensitive element of the system that must resist over time.

> The high resistance of the control panel, necessary to guarantee its longevity, is essentially due to a choice of high quality components that allow a serene use, even in environments subject to excesses of all kinds (oil, water etc.).





Adjusted to meet your real needs

The handwheel for displacement of the measuring carriage also includes a fine adjustment system.

The fine adjustment is often necessary in order to accurately position the probe in small elements. In some cases, it is also necessary to block the carriage to ensure a constant measuring force on the surface to be measured.

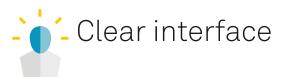
D TESA patented magnetic system

The embedded magnetic system of the TESA-HITE MAGNA models is not sensitive to dirt that could penetrate the instrument. While most integrated optical systems require a higher level of cleanliness, the TESA system is generally much more stable. Indeed, it is in no way hindered by dust or water particles commonly present in closed environments such as machine shops.

 For any operating environment that is known as
 complicated, the patented MAGNAµSYSTEM system gives a real advantage to the TESA-HITE MAGNA height gauges. Their more robust reading system makes them flexible and reliable over time.







A good reading of the display, clear and unambiguous information are important elements when using an instrument frequently. Therefore, the interface is divided in clearly defined areas that allow the user to concentrate on the essential points of his measurement without having to continuously decrypt the displayed results.

Learning time reduced to the strict minimum
 User satisfaction
 Minimized transcription error rate
 Better performance

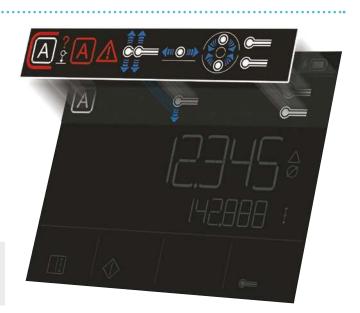


Do you think you'll get lost in the intricacies of the complex user interface?

Well, not at all!

No stress! If any action is required on your part, the software informs you with a blinking icon.

1. The user is constantly guided and is never lost during the use of the instrument.
2. The context-based help is particularly welcome while learning how to use the gauge.





Everyone has his own interface

The interface can now be customized. An option has been integrated into the software to modify the information displayed on the screen according to the user's wishes.

Because each user has different wishes, the software allows you to choose between 4 predefined themes in order to display, or hide, certain information.

For user-friendliness, one of the proposed designs is identical to the surface of the previous models.

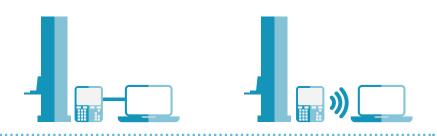
DATA MANAGEMENT



It is possible to connect the instrument to a computer or any other peripheral unit via the TLC (TESA Link Connector) on the rear of the panel to receive the measuring results on it.

This connection can be achieved by cable or wireless.

The data can be sent automatically after each measurement or on demand by the user.



🕀 Retrieve data with ease

The height gauges of this range, as well as most of the TESA instruments are compatible with the **free** TESA DATA-VIEWER **software**, allowing a quick and easy handling of all measurement data.

The data is then automatically transferred to files in known formats such as *. xls, *. csv, or Q-DAS.



The quick and easy statistical software

The SPC (Statistical Process Control) TESA STAT-EXPRESS software is the way to calculate in real time all the important characteristics during statistical analyses. Quick to learn, it manages also automatically the measuring reports.









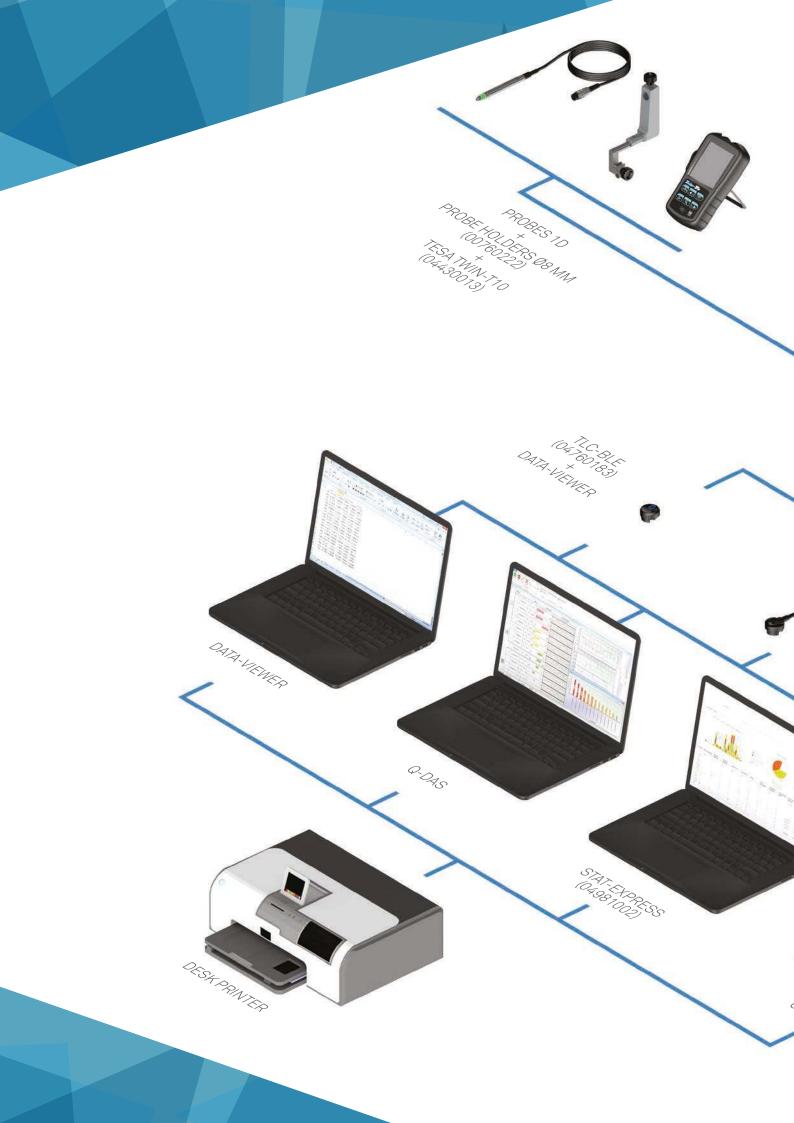
Statistical analyses in real time

Compatible with

For demanding statistics

For users with more extensive needs, Q-DAS software will be able to meet the most specific requirements:

- Control and traceability
- Automated data recovery
- Setting up dashboards
- Quality management
- Optimization of production processes
- Supplier quality monitoring







| | | TESA-HITE MAGNA | TESA-HITE |
|-----------|---|-----------------|-----------|
| | Single probing | ٠ | • |
| • | Manual memorizing of the current probe position | ٠ | ٠ |
| | Culmination | ٠ | ٠ |
| | Double probing | ٠ | ٠ |
| | Max, min, delta Parallelism, flatness | ٠ | • |
| ZZ | Display of the current value of the probe position. | ٠ | • |
| 上 | Perpendicularity measurement (mechanical, with external display) | | ٠ |
| Q | References | 1 | 1 |
| | Distance | ٠ | ٠ |
| Ş | Midpoint, average height | ٠ | ٠ |
| | mm/inch conversion | ٠ | ٠ |
| ? | Context-based help | ٠ | ٠ |
| | Preset | ٠ | ٠ |
| 4 | Sending data through TLC | ٠ | ٠ |
| \ominus | Manual or automatic data transmission | ٠ | ٠ |
| 1234 | 4 interface themes | • | • |

CONFIGURATIONS

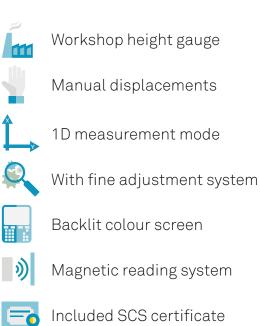




| | | TESA-HITE | MAGNA | TESA | HITE |
|--------------|---------------------------------|-----------|----------|----------|----------|
| | Part number | 00730082 | 00730083 | 00730084 | 00730085 |
| | Manuel displacement | ٠ | • | • | • |
| | TESA-HITE MAGNA [mm] | 400 | 700 | | |
| | TESA-HITE [mm] | | | 400 | 700 |
| GAUGE | Air cushion | | | • | • |
| G | Fine adjustment | • | • | • | ٠ |
| | Blocking the double carriage | ٠ | • | ٠ | ٠ |
| | Control panel IP65 | ٠ | ٠ | ٠ | ٠ |
| | Probe support, Ø 6mm | ٠ | ٠ | ٠ | ٠ |
| RIES | Hard-metal probe, Ø 5 mm | ٠ | • | • | • |
| ACCESSORIES | 6,35 mm / .25 in masterpiece | ٠ | • | | |
| ACC | 12,7 mm / .5 in masterpiece | | | • | • |
| | Dust cover | | optior | al | |
| | Integrated rechargeable battery | ٠ | ٠ | • | • |
| РРЦУ | Power supply | ٠ | • | • | ٠ |
| POWER SUPPLY | EUR power cable | ٠ | • | • | • |
| POW | US power cable | ٠ | • | • | • |
| | UK power cable | • | • | ٠ | ٠ |
| (0) | Certificat SCS | ٠ | ٠ | • | ٠ |
| OTHERS | 1 année de garantie | ٠ | ٠ | • | • |
| 0 | Contrat de maintenance | | upon rec | uest | |



TESA-HITE MAGNA



| | TESA-HITE MAGNA 400 | TESA-HITE MAGNA 700 |
|----------------------------------|---------------------------------------|---------------------------------------|
| Application range [mm] | 415 | 715 |
| Max. perm. errors [µm] | ≤8 | ≤8 |
| Repeatability (2 σ) [µm] | on surface:≤3 on arc:≤5 | on surface:≤3 on arc:≤5 |
| Autonomy [h] | 60 | 60 |
| Probing force [N] | 1,5 ± 0,5 | 1,5 ± 0,5 |
| Screen [L x H, mm] | 92 x 121 | 92 x 121 |
| Digit size [L x H, mm] | 10 x 21 | 10 × 21 |
| Resolution [mm] | 0,01 / 0,005 / 0,001 | 0,01 / 0,005 / 0,001 |
| Degree of protection | Measuring system: IP55 Panel: IP65 | Measuring system: IP55 Panel: IP65 |
| Weight[kg] | 15 | 18 |



TESA-HITE



| | TESA-HITE 400 | TESA-HITE 700 |
|--|------------------------------|-----------------------------|
| Application range [mm] | 415 | 715 |
| Max. perm. errors [µm], [L en mm] | 2,5+4L/1000 | 2,5+4L/1000 |
| Repeatability (2 σ) [μ m] | on surface: ≤2 on arc: ≤3 | on surface: ≤2 on arc:≤3 |
| Max. mechanical frontal perpendicularity error [µm] | 9 | 13 |
| Autonomy [h] | 60 | 60 |
| Probing force [N] | 1,5 ± 0,5 | 1,5 ± 0,5 |
| Screen [L x H, mm] | 92 x 121 | 92 x 121 |
| Digit size [mm] | 10 × 21 | 10 x 21 |
| Resolution [mm] | 0,01 / 0,001 / 0,0001 | 0,01 / 0,001 / 0,0001 |
| Degree of protection | Panel: IP65 | Panel: IP65 |
| Weight [kg] | 24 | 30 |

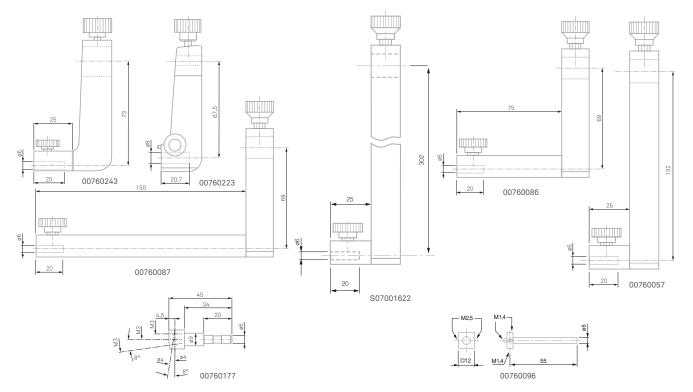
ACCESSORIES

Probe holders

| Auapter for ivit,4 and iviz,5 probes | 00/00090 | $J \times IVII, 4 \top Z \times IVIZ, J$ |
|--------------------------------------|-----------|--|
| Adapter for M1.4 and M2.5 probes | 00760096 | 3 x M1,4 + 2 x M2,5 |
| Adapter for M3 probe and shaft | 00760177 | _ |
| Ø 8 mm probe holder | 00760223 | - |
| Ø 6 mm probe holder | S07001622 | Extend the scope of the application |
| Ø 6 mm probe holder | 00760057 | Extend the scope of the application |
| Ø 6 mm probe holder | 00760087 | For depth up to 185 mm |
| Ø 6 mm probe holder | 00760086 | For depth up to 110 mm |
| Ø 6 mm standard probe holder | 00760243 | - |
| | | |



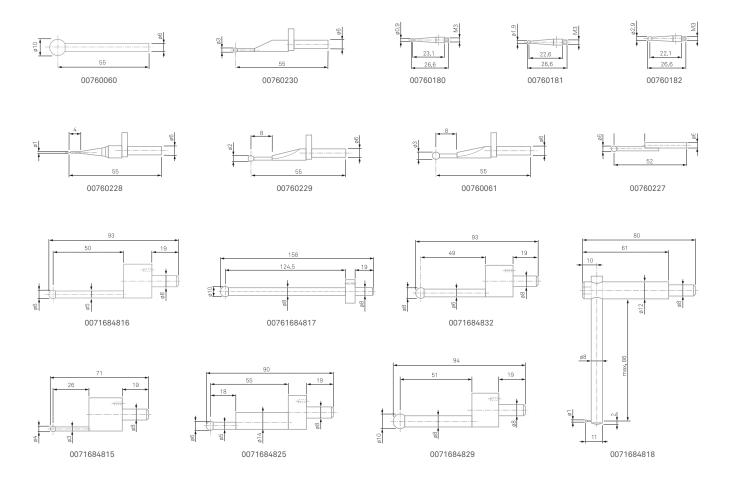




Ball probes

The ball probes are the easiest and most often used in combination with the height gauges which are furthermore delivered as standard with a probe of this type. Because of its form, these accessories are suitable for the majority of probing applications.

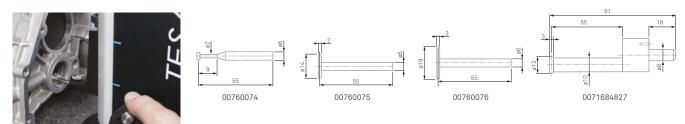
| Ø 0,9 mm ball probe | 00760180 | M3 fixation | Hardened steel ball tip |
|---------------------|------------|-----------------|--|
| Ø 1,9 mm ball probe | 00760181 | M3 fixation | Hardened steel ball tip |
| Ø 2,9 mm ball probe | 00760182 | M3 fixation | Hardened steel ball tip |
| Ø 1 mm ball probe | 00760228 | Ø6mm fixation | Shank and ball tip in hard metal |
| Ø 2 mm ball probe | 00760229 | Ø6mm fixation | Shank and ball tip in hard metal |
| Ø 3 mm ball probe | 00760230 | Ø6mm fixation | Shank and ball tip in hard metal |
| Ø3mm ball probe | 00760061 | Ø6mm fixation | Ball tip in hard metal |
| Ø 5 mm ball probe | 00760227 | Ø6mm fixation | Shank and ball tip in hard metal |
| Ø 10 mm ball probe | 00760060 | Ø6mm fixation | Ball tip in hard metal |
| Ø 1 mm ball probe | 0071684818 | Ø 8 mm fixation | Adjustable shank for depth measurement |
| Ø 4 mm ball probe | 0071684815 | Ø 8 mm fixation | Ball tip in hard metal |
| Ø 6 mm ball probe | 0071684825 | Ø 8 mm fixation | Ball tip in hard metal |
| Ø 6 mm ball probe | 0071684816 | Ø 8 mm fixation | Ball tip in hard metal |
| Ø 8 mm ball probe | 0071684832 | Ø 8 mm fixation | Ball tip in hard metal |
| Ø 10 mm ball probe | 0071684817 | Ø 8 mm fixation | Ball tip in hard metal |
| Ø 10 mm ball probe | 0071684829 | Ø 8 mm fixation | Ball tip in hard metal |



Disc probes

These probes have the form of a disc with a variable thickness and diameter, allowing the probing of centring shoulders and grooves. These accessories are often used in internal bore measurements because they are a good replacement when the star-formed probes cannot be used.

| Disc probe Ø 4,5 mm | 00760074 | Ø 6 mm fixation, hard metal disc |
|---------------------|------------|----------------------------------|
| Disc probe Ø 14 mm | 00760075 | Ø 6 mm fixation, hard metal disc |
| Disc probe Ø 19 mm | 00760076 | Ø 6 mm fixation, hard metal disc |
| Disc probe Ø 12 mm | 0071684827 | Ø 8 mm fixation |

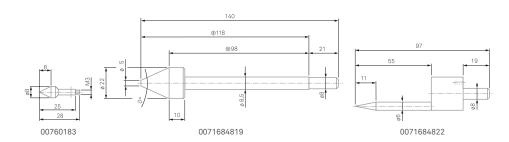


Cone probes

Cone probes are mainly used to determine the location of a bore since their form allows a quick positioning at the centre of these elements.

| Cone probe Ø 8 mm | 00760183 | M3 fixation, hardened steel |
|--------------------|------------|---------------------------------|
| Cone probe Ø 6 mm | 0071684822 | Ø 8 mm fixation, hardened steel |
| Cone probe Ø 22 mm | 0071684819 | Ø 8 mm fixation, hardened steel |





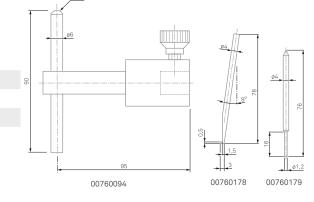
Shaft probes

The shaft probes are mainly used to measure grooves, centring shoulders, blind bores, ...

 Probe inserts with a shank
 00760094
 hardened steel

 Rod, angle 8°
 00760178
 hardened steel

 Cylindrical rod
 00760179
 hard metal

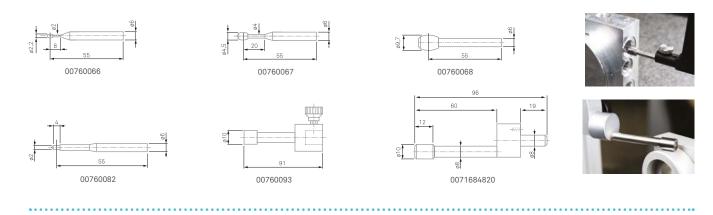




Cylindrical or barrel probes

The cylinder-shaped probes are often used to measure elements that cannot or hardly not easily be measured with a simple ball probe. In some instances, the contact between the accessory and the part to be measured cannot be guaranteed when the tip of the accessory is a ball. They are also used for the measurement of threads and often for the determination of the centre of tapped bores.

| Barrel-shaped probe Ø 2,2 mm | 00760066 | Ø 6 mm fixation, hard metal measuring faces |
|-------------------------------|------------|--|
| Barrel-shaped probeØ4,5 mm | 00760067 | Ø 6 mm fixation, hard metal measuring faces |
| Barrel-shaped probe Ø 9,7 mm | 00760068 | Ø 6 mm fixation, hard metal measuring faces |
| Cylinder-shaped probeØ2mm | 00760082 | Ø 6 mm fixation, hard metal measuring faces |
| Cylinder-shaped probeØ10mm | 00760093 | Hardened steel housing, hard metal measuring faces |
| Cylinder-shaped probe Ø 10 mm | 0071684820 | Ø 8 mm fixation, steel |



Accessories for squareness measurement

The TESA-HITE can also contribute to the determination of perpendicularity deviations because these models are mechanically adjusted on their frontal plane. However, this application requires the use of several additional accessories such as an external display type TWIN-T10, an inductive probe and a support to mount it on the gauge.

Other configurations are also possible. For further details, please contact your local reseller.

| Ø 8 mm probe support | 00760222 | For dial test indicator or 1D probe |
|--------------------------------|----------|--|
| GT 31 lever probe | 03210801 | Measuring range \pm 0,3 mm, force 0,02 N |
| GT 31 lever probe | 03210802 | Measuring range \pm 0,3 mm, force 0,1 N |
| GT 31 lever probe | 03210803 | Measuring range \pm 0,3 mm, force 0,2 N |
| GT 61 probe | 03230041 | Measuring range ± 5 mm, force 0,9 N |
| TESA TWIN-T10 portable display | 04430013 | Integrated TLC port for data transmission |



SETS OF ACCESSORIES

| | | | Kit 1 4 elements 00760232 | Kit 2 8 elements 00760173 | Kit 3 17 elements 00760148 | Kit 4 9 elements 00760175 |
|-----------------|----------|---|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| Com | posed of | | | | | |
| RS | 00760057 | Ø 6 mm probe holder to extend the application range | | | ٠ | |
| PROBE HOLDERS | 00760086 | Ø 6 mm probe holder for depth up to 110 mm | | | ٠ | |
| OBE H | 00760087 | Ø 6 mm probe holder for depth up to 185 mm | | | • | |
| PR(| 00760177 | Adapter for M3 probes | | | | ٠ |
| | 00760060 | Ø 10 mm ball probe, Ø 6 mm fixation | | ٠ | ٠ | |
| | 00760061 | Ø 3 mm ball probe, Ø 6 mm fixation | ٠ | ٠ | • | |
| | 00760066 | Ø 2,2 mm barrel-shaped probe, Ø 6 mm fixation | | | • | |
| | 00760067 | Ø 4,5 mm barrel-shaped probe, Ø 6 mm fixation | | | • | |
| | 00760068 | Ø 9,7 mm barrel-shaped probe, Ø 6 mm fixation | | | • | |
| | 00760074 | Ø 4,5 mm disc probe, Ø 6 mm fixation | | | • | |
| | 00760075 | Ø 14 mm disc probe, Ø 6 mm fixation | ٠ | ٠ | • | |
| | 00760076 | Ø 19 mm disc probe, Ø 6 mm fixation | | | • | |
| BES | 00760082 | Ø 2 mm cylinder-shaped probe, Ø 6 mm fixation | ٠ | | • | |
| PROBES | 00760093 | Ø 10 mm cylinder-shaped probe | | ٠ | ٠ | |
| | 00760094 | Probe with hardened steel rod | ٠ | ٠ | • | |
| | 00760180 | Ø 0,9 mm ball probe, M3 fixation | | | | ٠ |
| | 00760181 | Ø 1,9 mm ball probe, M3 fixation | | | | • |
| | 00760182 | Ø 2,9 mm ball probe, M3 fixation | | | | ٠ |
| | 00760183 | Ø 8 mm cone probe, M3 fixation | | | | • |
| | 00760228 | Ø 1 mm ball probe, Ø 6 mm fixation | | ٠ | ٠ | |
| | 00760229 | Ø 2 mm ball probe, Ø 6 mm fixation | | ٠ | • | |
| | 00760230 | Ø 3 mm ball probe, Ø 6 mm fixation | | ٠ | ٠ | |
| SIONS | 00760184 | Extension M3, L 20 mm | | | | • |
| EXTENSIONS | 00760185 | Extension M3-M2,5, L 20 mm | | | | • |
| | 00760178 | Steel rod, angle 8° | | | | • |
| SHAFT PROBES | 00760179 | Hard metal cylindrical rod | | | | • |

OTHER ACCESSORIES

| | TESA DATA-DIRECT software | 04981001 | For data formatting |
|--|---|--|---|
| | TESA STAT-EXPRESS software | 04981002 | SPC software |
| Ц | TESA DATA-VIEWER software | - | Downloadable free of charge from the TESA website |
| DATA MANAGEMENT | Q-DAS software (qs-STAT,) | - | Please contact your local dealer |
| ANAG | TLC-DIGIMATIC CABLE | 04760182 | - |
| ATA M | TLC-USB CABLE | 04760181 | - |
| D/ | TLC-BLE emitter(Bluetooth®) | 04760184 | - |
| | USB receiver + 1,5 m cable | 04760185 | For use with 04760184 |
| | | | |
| | TESA TLC-BLE starter kit | 04760183 | = 04760184 + 04760185 |
| AND | TESA TLC-BLE starter kit Dust cover, 600 mm | 04760183 00760152 | = 04760184 + 04760185 - |
| NING AND | | | |
| CLEANING AND PROTECTION | Dust cover, 600 mm | 00760152 | |
| | Dust cover, 600 mm Dust cover, 900 mm | 00760152 00760153 | - |
| | Dust cover, 600 mm Dust cover, 900 mm Cleaning liquid | 00760152 00760153 00760249 | - - For granite table |
| | Dust cover, 600 mm Dust cover, 900 mm Cleaning liquid Charger | 00760152 00760153 00760249 00760251 | - - For granite table - |
| ELECTRIC POWER CLEANING AND SUPPLY PROTECTION | Dust cover, 600 mm Dust cover, 900 mm Cleaning liquid Charger Charger cable | 00760152 00760153 00760249 00760251 04761055 | For granite table For Europe |



THE TESA SERVICE, OUR PRIORITY

For TESA, customer care is essential. To satisfy the most demanding metrological expectations of our clients and to help them find solutions is our daily challenge.



Calibration

To preserve the accuracy of measurement of your tools, TESA controls and calibrates your equipment and delivers a SCS accreditation (Swiss Calibration Service) or a TESA measuring report.



Repairs

Your height gauge needs to be repaired? TESA proposes quick solutions to repair, exchange and rent, if your equipment is under warranty or not.



Support

A product support and technical support are available for TESA equipment.



Training

A whole range of courses has been designed to meet your needs: user training during the installation, product training at TESA headquarters as well as on-site and customised trainings.



Maintenance

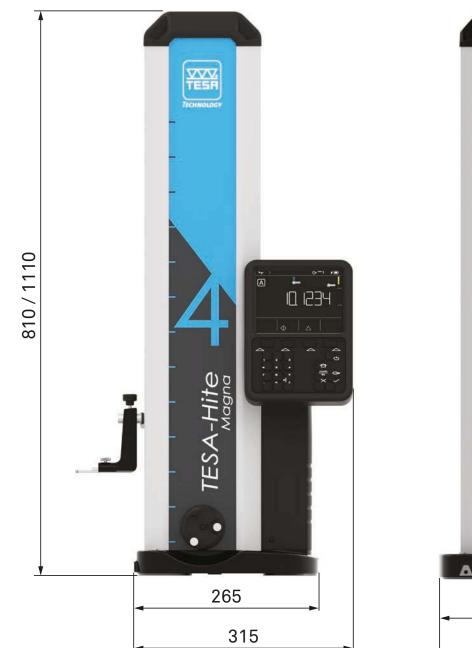
Work with peace of mind thanks to the preventive TESA maintenance contract to extend the life of your equipment and to preserve their precision.



Customization of the measuring inserts

For any requirements of specific measures, TESA proposes to customise your measuring insert according to your wishes.

SPACE REQUIREMENT







Hexagon Manufacturing Intelligence helps industrial manufacturers develop the disruptive technologies of today and the life-changing products of tomorrow. As a leading metrology and manufacturing solution specialist, our expertise in sensing, thinking and acting – the collection, analysis and active use of measurement data – gives our customers the confidence to increase production speed and accelerate productivity while enhancing product quality.

Through a network of local service centres, production facilities and commercial operations across five continents, we are shaping smart change in manufacturing to build a world where quality drives productivity. For more information, visit **HexagonMI.com**.

Hexagon Manufacturing Intelligence is part of Hexagon (Nasdaq Stockholm: HEXA B; **hexagon.com**), a leading global provider of information technologies that drive quality and productivity across geospatial and industrial enterprise applications.

| 1 1911 | COORDINATE MEASURING MACHINES |
|-----------|--|
| - | 3D LASER SCANNING |
| | SENSORS |
| 2 | PORTABLE MEASURING ARMS |
| 44 | SERVICES |
| | LASER TRACKERS & STATIONS |
| ۲ | MULTISENSOR & OPTICAL SYSTEMS |
| o®⊙ | WHITE LIGHT SCANNERS |
| <u>*</u> | METROLOGY SOFTWARE SOLUTIONS |
| | CAD / CAM |
| | STATISTICAL PROCESS CONTROL |
| 5 | AUTOMATED APPLICATIONS |
| 7 | MICROMETERS, CALIPERS, HEIGHT GAGES, ETC |
| <u> </u> | DESIGN AND COSTING SOFTWARE |



Established in 1941 and headquartered in Renens, Switzerland, TESA manufactures and markets precision measuring instruments that stand for quality, reliability and longevity.

For more than 75 years, TESA has distinguished itself in the market through its excellent products, its unique expertise in micromechanics and precision machining as well as its proven experience in dimensional metrology.

The TESA brand is the global market leader in the field of height gauges and a pioneer thanks to its wide range of instruments, including callipers, micrometers, dial gauges, lever-type dial test indicators and inductive probes. TESA is a true benchmark for the inspection of incoming goods, as well as for production workshops and quality assurance laboratories.

Through its worldwide distribution network the company focuses on the mechanical engineering, micromechanical, automotive, aerospace, watchmaking and medical industries. In 2001, TESA became part of Hexagon, a leading global provider of information technologies.

TESAtechnology.com

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