



HEXAGON
MANUFACTURING INTELLIGENCE



TESA
TECHNOLOGY

 brown & sharpe

BEST DEALS



TESA Brown & Sharpe measurement tools and solutions:
perfection down to the detail for every user!

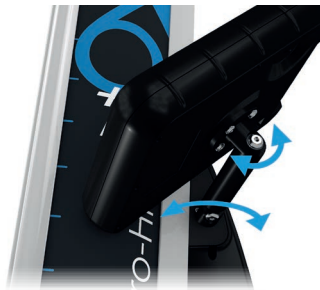
Valid until 04.30.2018
Prices exclude VAT
Version B&S - EN - USD

HexagonMI.com | TESAtechnology.com

TESA MICRO-HITE

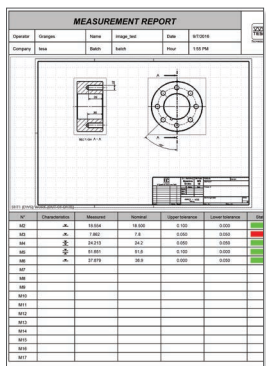
Motorized or manual – the ultimate reference

With adjustable hybrid multi-user panel
(touch screen + keyboard)



SCS-certificate included: instrument ready for
immediate use

Efficient determination of the culmination points
with the LED control light



Easy data transfer to USB
stick / printer / PC

NEW!

Generate a PDF measuring
report directly from the
program



<http://go.hexagonmi.com/MICRO-HITEvideo>



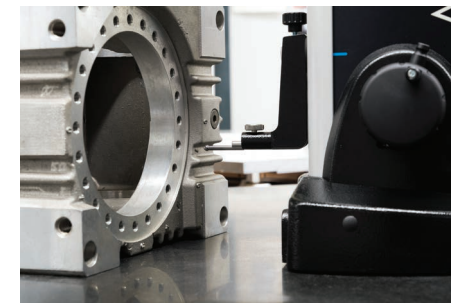
NEW!

Worry free thanks to the highest
quality standard and 4 years of warranty
for all new TESA MICRO-HITE models

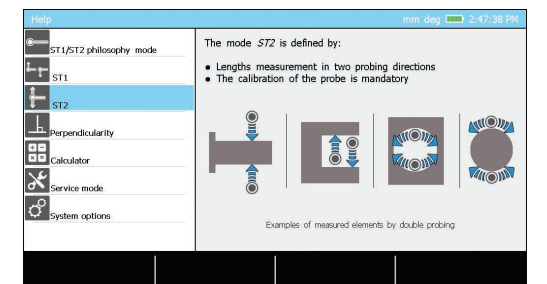
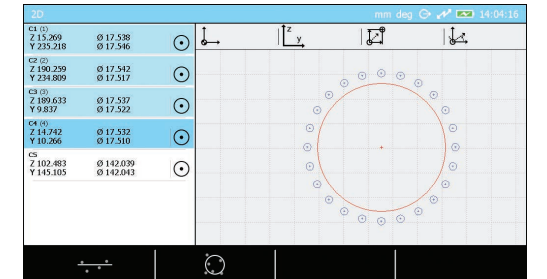


Warranty conditions on our website

Finally, easy 2D-measurement due to
clear graphic visualization



Context-based help – intelligent user
follow-up



FREE

Free battery kit with purchase!

Battery kit includes battery and loading
station. A \$258 value!



00760252

| Order Number | EDP Number | Designation | Reg. Price (\$) |
|--------------|------------|--|--------------------|
| 00730073 | 76639 | MICRO-HITE 350 manual | 8500 |
| 00730074 | 76640 | MICRO-HITE 600 manual | 9000 |
| 00730075 | 76641 | MICRO-HITE 900 manual | 11100 |
| 00730076 | 76620 | MICRO-HITE 350F manual, fine adjustment | 8900 |
| 00730077 | 76621 | MICRO-HITE 600F manual, fine adjustment | 9500 |
| 00730078 | 76623 | MICRO-HITE 900F manual, fine adjustment | 11500 |
| 00730079 | 76624 | MICRO-HITE+M 350 motorized | 8900 |
| 00730080 | 76625 | MICRO-HITE+M 600 motorized | 9500 |
| 00730081 | 76626 | MICRO-HITE+M 900 motorized | 11500 |
| 00760252 | 76629 | Battery kit with battery and loading station | Free with purchase |

Compatible with



VERIBOR BORE GAGES

High precision (max. permissible errors 0.00008 in, repeatability: 0.00002 in), two-point measurement of inside diameters. The best choice for the detection of roundness errors.

- No mechanical play due to circular reversing element
- Invar steel body and plastic hand grip ensures high stability and no effect from temperature
- Centering shoe for correct alignment of the instrument into the bore
- Tungsten carbide tips for high resistance to wear

| Order Number | EDP Number | Measuring Range (in) | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|----------------------|-----------------|------------------|
| 5710012 | 41420 | .177 - .236 | 1798 | 1150 |
| 5710013 | 41421 | .236 - .472 | 1299 | 845 |
| 5710014 | 41422 | .472 - .984 | 722 | 495 |
| 5710015 | 41423 | .984 - 1.97 | 778 | 545 |
| 5710016 | 41424 | 1.97 - 5.91 | 916 | 640 |
| 5710017 | 41425 | 9.44 - 21.7 | 2016 | 1410 |
| 5710018 | 41426 | 1.97 - 11.81 | 1268 | 825 |

VERIBOR can be used with dial indicator, digital indicator or an inductive probe and TESATRONIC display.

DIAL GAGES

- The best accuracy and reliability
- DIGICO 705 features a bar graph on the display and a preset function that allows the display to be set to the smallest setting ring value

| Order Number | EDP Number | Description | Measuring Range (in) | Numerical Scale Interval | Reading | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|--|----------------------|--------------------------|------------|-----------------|------------------|
| 01426028 | 20378 | MERCER Dial indicator, 2.25 in dial diameter | 0.2 | 0.0001 | 0 - 50 - 0 | 448 | 335 |
| 01930258 | 46987 | DIGICO 705 MI, 2.25 in dial diameter | 0.5 | 0.00005 | | 589 | 395 |

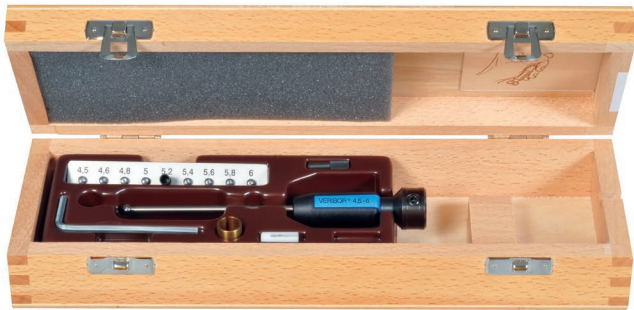


TESA INDUCTIVE PROBES

- Excellent repeatability, durability and longevity
- The measuring bolt is mounted on ball bearings and is virtually unaffected by radial forces. Protected against the penetration of solid and liquid contaminants by rubber sealing bellows
- Probe inserts can be replaced or interchanged

| Order Number | EDP Number | Description | Measuring Range (in) | Repeatability Limit (µm) | Measuring Force (N) | Maximum Permissible Linearity Errors (µm) | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|------------------------------------|----------------------|--------------------------|---------------------|---|-----------------|------------------|
| 32.10904 | 41002 | GT-21 probe with axial cable exit | ± .040 | 0.01 | 0.63 | 0.2 + 3 · L ³ * | 402 | 322 |
| 32.10924 | 41010 | GT-22 probe with radial cable exit | ± .040 | 0.01 | 0.63 | 0.2 + 3 · L ³ * | 417 | 334 |

* Note: Linearity related to max. perm. errors (L in mm).



5710012



TESATRONIC ELECTRONIC DISPLAYS

Intelligent display units, combined digital and analog display, for 1 or 2 inductive probes

- Choice of analog or bar display
- Inch/metric conversion
- Ability to set permissible limit values
- TESATRONIC TT60 & TT80 features a memory function for retaining MAX, MIN and other values, as well as dynamic measuring capabilities and value classification signals.



04430010

| Order Number | EDP Number | Description | Number of Probe Inputs | Number of Measuring Range Settings | Lowest Range Value | Highest Range Value | Numerical Interval | Memory | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|-----------------|------------------------|------------------------------------|--------------------|---------------------|--------------------|--------|-----------------|------------------|
| 04430009 | 21087 | TESATRONIC TT20 | 2 | 7 | ± 5 µm | ± 5000 µm | 0.1 µm | No | 1590 | 1270 |
| 04430010 | 47179 | TESATRONIC TT60 | 2 | 7 | ± 5 µm | ± 5000 µm | 0.1 µm | Yes | 2228 | 1780 |
| 04430011 | 21088 | TESATRONIC TT80 | 2 | 9 | ± 0.5 µm | ± 5000 µm | 0.01 µm | Yes | 2676 | 2140 |

TESA µ-FINDER SET 31 AND SET 22

- A mobile, high precision set for quality control and service in a practical transport case
- Use Set 31 for alignment measurements and run-out
- Use Set 22 for comparative measurement applications

| Order Number | EDP Number | Designation | Reg Price (\$) | Promo Price (\$) |
|--------------|------------|---------------------------------|----------------|------------------|
| 04430013P1 | | TESA µFinder Set 31 | 2476 | 1888 |
| Contains: | | | | |
| 04430013 | 45612 | TESA TWIN-T10 display unit | 1448 | 1160 |
| 32.10802 | 86188 | GT 31 lever probe | 908 | 725 |
| 16.39007 | 88386 | Magnetic support INTERAPID UJ15 | 168 | 134 |
| 04430013P2 | | TESA µFinder Set 22 | 2027 | 1555 |
| Contains: | | | | |
| 04430013 | 45612 | TESA TWIN-T10 display unit | 1448 | 1160 |
| 32.10924 | 41010 | GT 22 probe | 417 | 334 |
| 16.39007 | 88386 | Magnetic support INTERAPID UJ15 | 168 | 134 |



04430013P1



04430013P2



DIGITAL CALIPERS

BROWN & SHARPE TWIN-CAL IP67

- Highest IP67 prtction against liquids and dust, even with output cable connected
- Large display and “Soft touch” features for comfortable measurement
- Bidirectional communication via cable or wireless mode



| Order Number | EDP Number | Description | Measuring Range (in) | Thumb Roller | Depth Rod | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|------------------------------|----------------------|--------------|-----------|-----------------|------------------|
| 00590302 | 47236 | Brown & Sharpe TWIN-CAL IP67 | 0 ÷ 6 | ▲ | ● | 199 | 149 |
| 00590303 | 47237 | Brown & Sharpe TWIN-CAL IP67 | 0 ÷ 6 | ▲ | ■ | 199 | 149 |
| 00590304 | 47238 | Brown & Sharpe TWIN-CAL IP67 | 0 ÷ 8 | ▲ | ■ | 276 | 199 |
| 00590305 | 47239 | Brown & Sharpe TWIN-CAL IP67 | 0 ÷ 12 | ▲ | ■ | 379 | 288 |

BROWN & SHARPE TWIN-CAL

- Same measuring system as the IP67 version
- Great reading comfort
- Bidirectional communication at the best price



| Order Number | EDP Number | Description | Measuring Range (in) | Thumb Roller | Depth Rod | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|-------------------------|----------------------|--------------|-----------|-----------------|------------------|
| 00590092 | 47473 | Brown & Sharpe TWIN-CAL | 0 ÷ 6 | ▲ | ● | 143 | 95 |
| 00590093 | 47474 | Brown & Sharpe TWIN-CAL | 0 ÷ 6 | ▲ | ■ | 143 | 95 |
| 00590094 | 47475 | Brown & Sharpe TWIN-CAL | 0 ÷ 8 | ▲ | ■ | 196 | 139 |
| 00590095 | 47476 | Brown & Sharpe TWIN-CAL | 0 ÷ 12 | ▲ | ■ | 276 | 189 |

▲ Calipers with thumb roller ● Calipers with round depth rod ■ Calipers with square depth rod

BROWN & SHARPE VALUELINE IP67

- Ideal for all workshop conditions
- The IP67 protection at the best price
- Without data output



| Order Number | EDP Number | Description | Measuring Range (in) | Thumb Roller | Depth Rod | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|-------------------------------|----------------------|--------------|-----------|-----------------|------------------|
| 00599390 | 45601 | Brown & Sharpe VALUELINE IP67 | 0 ÷ 6 | ▲ | ■ | 143 | 89 |
| 00599391 | 76599 | Brown & Sharpe VALUELINE IP67 | 0 ÷ 6 | ▲ | ● | 143 | 89 |
| 00599392 | 45602 | Brown & Sharpe VALUELINE IP67 | 0 ÷ 8 | ▲ | ■ | 196 | 129 |
| 00599393 | 45603 | Brown & Sharpe VALUELINE IP67 | 0 ÷ 12 | ▲ | ■ | 276 | 179 |

▲ Calipers with thumb roller ● Calipers with round depth rod ■ Calipers with square depth rod



LEVER-TYPE DIAL TEST INDICATORS

BESTEST - 5 SERIES

Easy-to-read, satin black, “jet-console” face BesTest® Indicators with high visibility orange hand. Each BesTest® Indicator set comes complete with one carbide tip contact point, .080” diameter; one 1/2” long x .250” diameter extension with dovetail; one contact point wrench; one durable molded case and certificate of accuracy and traceability.

- Continuous clockwise pointer rotation providing error-free reading
- High accuracy and very low measuring force of the jewelled movement with 7 rubies
- Durability thanks to its patented shockproof system; insensitive to magnetic fields



599-7032-5



| Order Number | EDP Number | Range | Smallest Marking | Dial Division | Point Dia. | Tip Length | Dia. | Reg. Price (\$) | Promo Price (\$) |
|--------------|------------|-------|------------------|---------------|------------|------------|-------|-----------------|------------------|
| 599-7029-5 | 51732 | .030" | 0-15-0 | .001" | 1" | 1/2" | .080" | 179 | 143 |
| 599-7030-5 | 51733 | .030" | 0-15-0 | .0005" | 1" | 1/2" | .080" | 183 | 146 |
| 599-7031-5 | 51734 | .030" | 0-15-0 | .0005" | 1-1/2" | 1/2" | .080" | 204 | 163 |
| 599-7032-5 | 51737 | .008" | 0-4-0 | .0001" | 1" | 1/2" | .080" | 245 | 196 |
| 599-7033-5 | 51738 | .008" | 0-4-0 | .00005" | 1-1/2" | 1/2" | .080" | 258 | 206 |
| 599-7034-5 | 51735 | .020" | 0-10-0 | .0005" | 1" | 1-7/16" | .080" | 228 | 182 |
| 599-7035-5 | 51736 | .020" | 0-10-0 | .0005" | 1-1/2" | 1-7/16" | .080" | 248 | 198 |



Since 2001, the long metrology tradition of the Brown & Sharpe brand has been integrated under TESA Technology, the premier Swiss precision measuring instruments manufacturer. TESA is part of Hexagon Manufacturing Intelligence, the world's largest metrology product provider. TESA and Brown & Sharpe have solid roots in precision metrology and continue to lead the industry with innovative technologies. Our premium hand tools are the first choice for reliability, helping customers improve their quality control and increase their productivity.

For questions regarding service, special applications and gaging solutions we can help!
 Contact douglas.dion@hexagon.com / 401-886-2283.
 Our Swiss team of experts can also assist you and can be reached at tesa.service@hexagon.com

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