TRIMOS

# V2

New heights in reliability and simplicity




Swiss
Measuring
Instruments

# 1.

## PRESENTATION

The Trimos V2 height gauge embodies Swiss precision, durability, and simplicity. Designed for professionals worldwide, it ensures accurate and easy measurements.

**Effortless Simplicity**
The V2's user-friendly interface provides quick access to essential measurements, ensuring efficiency and accuracy.

**Built for Durability**
Engineered to Swiss standards, it withstands tough conditions, making it a reliable tool for any task.

**Uncompromising Quality**
As a Trimos product, the V2 merges traditional craftsmanship with modern technology, guaranteeing superior performance.

**Intuitive and Smart Features**
The intuitive interface streamlines navigation, while Smart Reverse simplifies diameter measurements with precision and ease.

**Seamless Connectivity**
USB and RS232 ports enable easy data sharing.

**Warranty and Maintenance**
Backed by a two-year warranty, extendable to four years, the V2 is designed for longevity with straightforward maintenance.

**Versatile Measuring Ranges**
Available in 400 mm and 700 mm to suit varied applications.

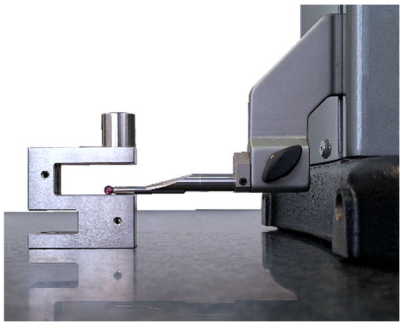
**Reliable Support**
Trimos' dedicated team ensures you maximize the V2's potential from the start.

More than a measurement tool, the V2 is a dependable ally that meets the highest professional standards.

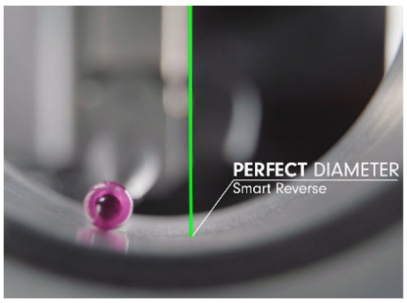


# 2.

## KEY FEATURES



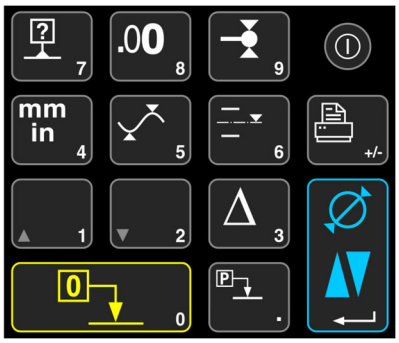
**Accurate Height Measurements**
Ensures reliable height and distance measurements.




**SMART REVERSE**
Simplifies the diameter measurements process.




**Intuitive Interface**
Seamless navigation and straightforward functionality




**Direct Function Access**
Enhances efficiency in the measurement workflow.



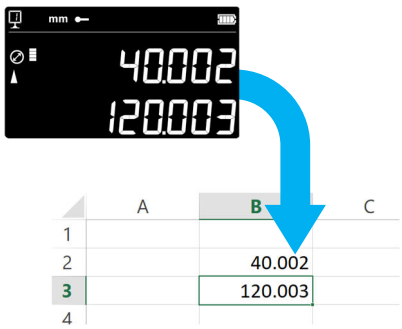

**Ergonomic Design**
Ensures comfortable and effective operation, with manual movement.




**Effortless Upkeep**
Designed to last in tough workshop environments.




**Two-Year Standard Warranty**
Extendable up to an additional two years = 4 years!




**Advanced Connectivity**
Facilitates easy data sharing with USB and RS232 ports, enhancing workflow integration.




**Swiss-Made Quality**
Combines cutting-edge technology with unparalleled craftsmanship.

# 3.
## TECHNICAL DATA

| V2 | | 400 | 700 |
|---|---|---|---|
| Measuring range | mm (in) | 406 (16) | 710 (28) |
| Max. permissible errors, $B_{MPE}$ | µm | 8 | 8 |
| Repeatability, $R_{MPE}$ | µm | 3 (Ø: 5) | |
| Max. resolution | mm (in) | 0.001 (0.00005) | |
| Measuring force (adjustable electronically) | N | 0.75 ÷ 1.5 | |
| Data output | | USB / RS232 | |
| Protection grade of measuring system (CEI 60529) | | IP67 | |
| Weight | kg | 21 | 24 |
| Max. manual displacement speed | mm/s | 1000 | |
| Operational temperature | °C | +10 ÷ +40 | |
| Relative humidity (operation and storage) | HR | 5 ÷ 75 % (without condensation) | |

The above values were determined in accordance with ISO 13225 using the TA-MI-101 insert.
$R_{MPE}$ is defined as 2 times the standard deviation (2s) over a series of 20 height measurements.

# 4.
## MODELS & REFERENCES

| V2 | |
|---|---|
| Measuring range 400 mm | V2-400 |
| Measuring range 700 mm | V2-700 |

# 5.
## DELIVERY

| V2 | |
|---|---|
| Instrument according to specifications | Measuring insert with ruby ball Ø4 mm |
| Power supply | Setting gauge 4 mm |
| Calibration certificate | User's manual |

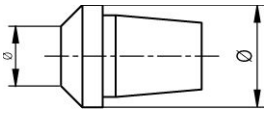
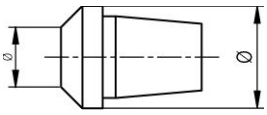
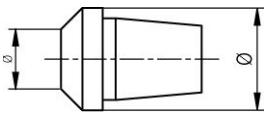
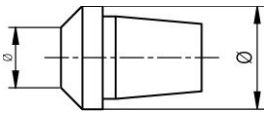
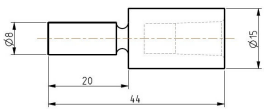
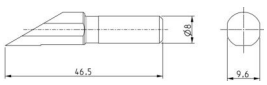
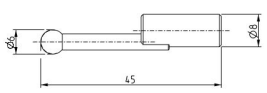
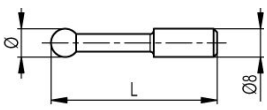
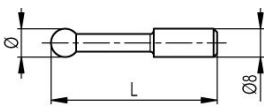
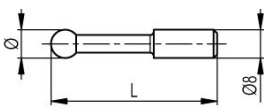
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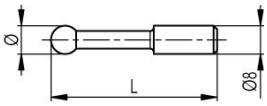
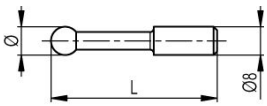
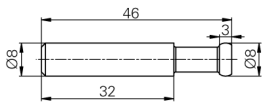
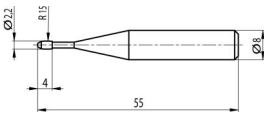
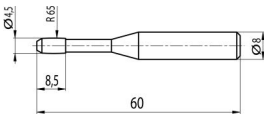
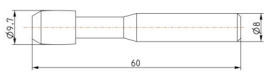
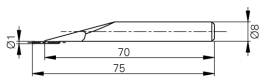
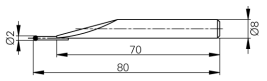
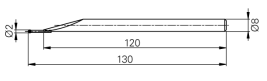
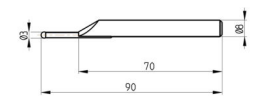
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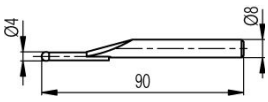
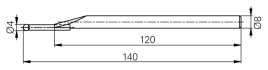
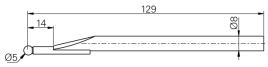
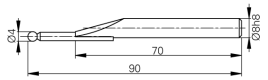
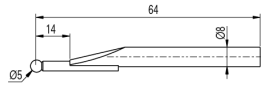
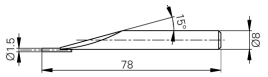
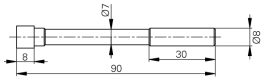
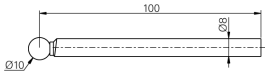
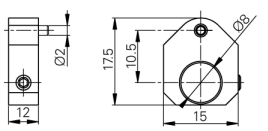
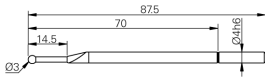
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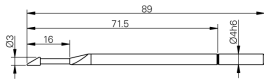
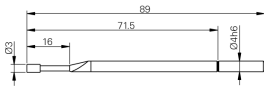
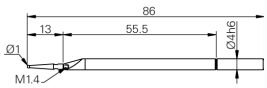
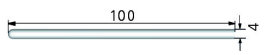
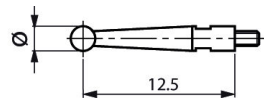
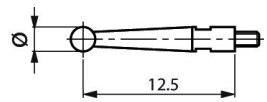
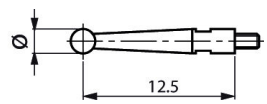
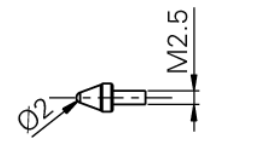
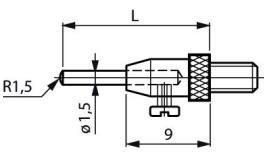
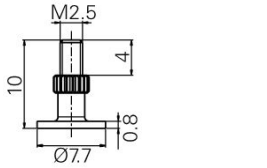
## Instruments verticaux
## Height gauges
## Höhenmessgeräte

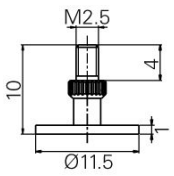
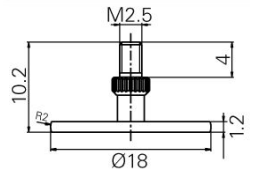
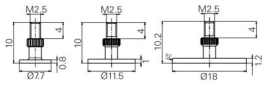
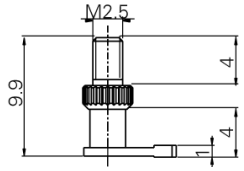
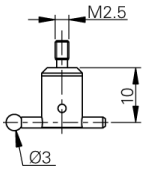
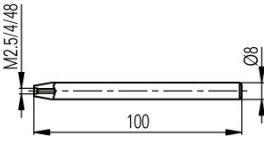
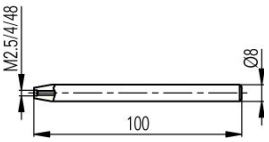
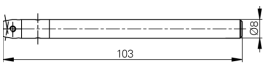
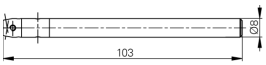
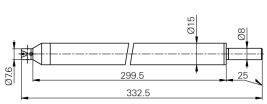
Swiss Measuring Instruments

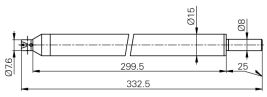
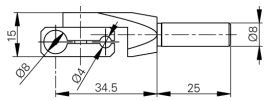
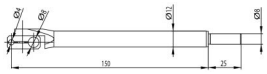
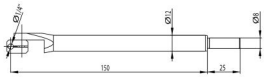
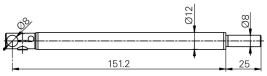
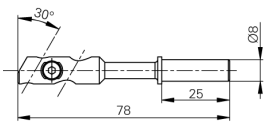
| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TV2S2**<br>779 901007 002 | Cône Ø0-15 mm<br>Konus Ø0-15 mm<br>Cone Ø0-15 mm | ■ | | | | | | | | |
|  | **TV2S3**<br>779 901007 003 | Cône Ø13-20.5 mm<br>Konus Ø13-20.5 mm<br>Cone Ø13-20.5 mm | ■ | | | | | | | | |
|  | **TV2S4**<br>779 901007 004 | Cône Ø17-24.5 mm<br>Konus Ø17-24.5 mm<br>Cone Ø17-24.5 mm | ■ | | | | | | | | |
|  | **TV2S5**<br>779 901007 005 | Cône Ø23-30.5 mm<br>Konus Ø23-30.5 mm<br>Cone Ø23-30.5 mm | ■ | | | | | | | | |
|  | **TA-IH-138**<br>712 12 20 0010 | Support de cônes<br>Konushalter<br>Cone support | ■ | | | | | | | | |
|  | **TA-MI-122**<br>709 12 10 0003 | Traceur pour V1<br>Anreissnadel für V1<br>Scriber for V1 | ■ | | | | | | | | |
|  | **TA-MI-121**<br>709 05 20 0124 | Touche bille MD Ø6 mm pour V1+<br>Messeinsatz mit HM-Kugel Ø6 mm für V1+<br>Measuring insert with TC-Ball Ø6 mm for V1+ | ■ | | | | | | | | |
|  | **TVM2.4**<br>709 05 20 0009 | Touche à bille Ø2 mm, L=41.6 mm<br>Kugel-Messeinsatz Ø2 mm, L=41.6 mm<br>Ball insert Ø2 mm, L=41.6 mm | ■ | | | | | | | | |
|  | **TVM2.3**<br>709 05 20 0014 | Touche à bille Ø3 mm, L=42.5 mm<br>Kugel-Messeinsatz Ø3 mm, L=42.5 mm<br>Ball insert Ø3 mm, L=42.5 mm | ■ | | | | | | | | |
|  | **TVM2.2**<br>709 05 20 0025 | Touche à bille Ø4 mm, L=43.5 mm<br>Kugel-Messeinsatz Ø4 mm, L=43.5 mm<br>Ball insert Ø4 mm, L=43.5 mm | ■ | | | | | | | | |

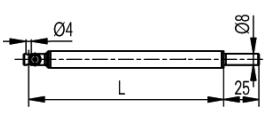
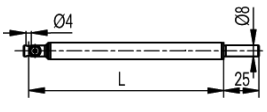
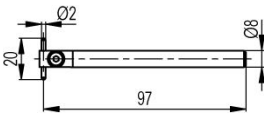
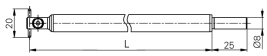
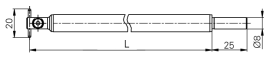
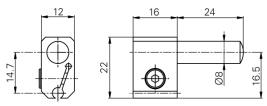
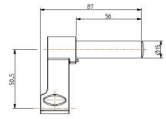
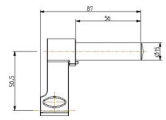
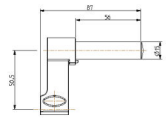
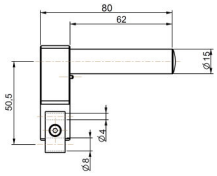
| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TVM2.6**<br>709 05 20 0031 | Touche à bille Ø5 mm, L=43.9 mm<br>Kugel-Messeinsatz Ø5 mm, L=43.9 mm<br>Ball insert Ø5 mm, L=43.9 mm | ■ | | | | | | | | |
|  | **TVM2**<br>709 05 20 0051 | Touche à bille Ø8 mm, L=47.3 mm<br>Kugel-Messeinsatz Ø8 mm, L=47.3 mm<br>Ball insert Ø8 mm, L=47.3 mm | ■ | | | | | | | | |
|  | **TVM2.5**<br>709 05 20 0059 | Touche à plateau Ø8 mm<br>Zylindrischer Messeinsatz Ø8 mm<br>Disc shaped insert Ø8 mm | ■ | | | | | | | | |
|  | **TVA9.1**<br>509 05 20 0011 | Touche en tonneau M3-M16, L=55 mm<br>Balliger Messeinsatz M3-M16, L=55 mm<br>Barrel-shaped insert M3-M16, L=55 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TVA9.2**<br>509 05 20 0029 | Touche en tonneau M6-M48, L=60 mm<br>Balliger Messeinsatz M6-M48, L=60 mm<br>Barrel-shaped insert M6-M48, L=60 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TVA9.3**<br>509 05 20 0062 | Touche en tonneau M12-M150, L=60 mm<br>Balliger Messeinsatz M12-M150, L=60 mm<br>Barrel-shaped insert M12-M150, L=60 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-111**<br>509 05 20 0078 | Touche à bille métal dur Ø1 mm, L=75 mm<br>Messeinsatz mit Hartmetall-Kugel Ø1 mm, L=75 mm<br>Measuring insert with tungst. carb. ball, Ø1 mm, L=75 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-110**<br>509 05 20 0077 | Touche à bille en métal dur Ø2 mm, L=80 mm<br>Messeinsatz mit Hartmetall-Kugel Ø2 mm, L=80 mm<br>Measuring insert with tungst. carb. ball Ø2 mm, L=80 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-104**<br>509 05 20 0080 | Touche à bille métal dur Ø2 mm, L=130 mm<br>Messeinsatz mit Hartmetall-Kugel Ø2 mm, L=130 mm<br>Measuring insert with tungst. carb. ball Ø2mm, L=130 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-120**<br>SP509 05 20 0086 | Touche à bille rubis Ø3 mm, L=90mm<br>Messeinsatz mit Rubin-Kugel Ø3 mm, L=90mm<br>Measuring insert with ruby ball Ø3 mm, L=90mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

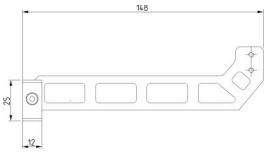
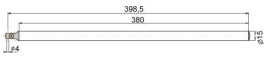
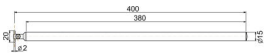
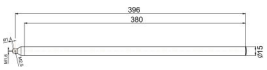
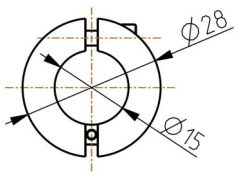
| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-MI-102**<br>509 05 20 0075 | Touche à bille métal dur Ø4mm, L=90 mm<br>Messeinsatz mit Hartmetall-Kugel Ø4 mm, L=90 mm<br>Measuring insert with tungst. carb. ball Ø4 mm, L=90 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-105**<br>509 05 20 0079 | Touche à bille métal dur, Ø4 mm, L=140 mm<br>Messeinsatz mit Hartmetall-Kugel Ø4 mm, L=140 mm<br>Measuring insert with tungst. carb. ball Ø4 mm, L=140 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-106**<br>279 918011 004 | Touche à bille rubis Ø5 mm, L=129 mm<br>Messeinsatz mit Rubin-Kugel Ø5 mm, L=129 mm<br>Measuring insert with ruby ball Ø5 mm, L=129 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-101**<br>509 05 20 0074 | Touche à bille rubis Ø4 mm, L=90 mm<br>Messeinsatz mit Rubin-Kugel Ø4 mm, L=90 mm<br>Measuring insert with ruby ball Ø4 mm, L=90 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-MI-119**<br>SP279 918011 005 | Touche à bille rubis Ø5 mm, L=64 mm<br>Messeinsatz mit Rubin-Kugel Ø5 mm, L=64 mm<br>Measuring insert with ruby ball Ø5 mm, L=64 mm | | | | | | | | ■ | ■ |
|  | **TA-MI-107**<br>509 05 20 0081 | Touche à goupille métal dur Ø1.5 mm, L=78 mm<br>Zylindrischer Messeinsatz Ø1.5 mm, L=78 mm<br>Measuring insert with pin Ø1.5 mm, L=78 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-112**<br>509 05 20 0082 | Touche à surfaces planes, 10 x 10 mm, L=90 mm<br>Messeinsatz mit Parallel-Messflächen, 10 x 10 mm, L=90 mm<br>Measuring insert with parallel faces, 10 x 10 mm, L=90 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-108**<br>279 918011 002 | Touche à bille rubis Ø10 mm, L=100 mm<br>Messeinsatz mit Rubin-Kugel Ø10 mm, L=100 mm<br>Measuring insert with ruby ball Ø10 mm, L=100 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-AD-101**<br>603 11 001 | Bague de positionnement de touche Ø8 mm<br>Positionierhalter für Messeinsatz Ø8 mm<br>Positioning holder for measuring insert Ø8 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-109**<br>279 918011 003 | Touche à bille rubis Ø3 mm, L=87.5 mm<br>Messeinsatz mit Rubin-Kugel Ø3 mm, L=87.5 mm<br>Measuring insert with ruby ball Ø3 mm, L=87.5 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

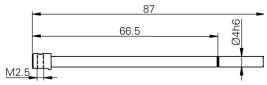
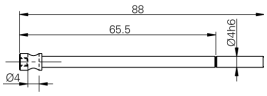
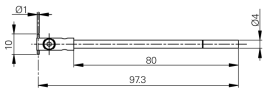
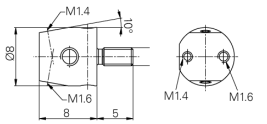
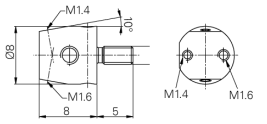
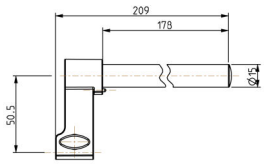
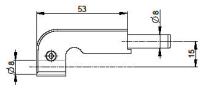
| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
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|  | **V-50.10**<br>279 918007 001 | Touche biseautée<br>Abgeschrägter Messeinsatz<br>Knife-edge insert | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.11**<br>279 918013 001 | Touche en tonneau Ø3 x 5 mm, L = 89 mm<br>Balliger Messeinsatz Ø3 x 5 mm, L = 89 mm<br>Barrel-shaped insert Ø3 x 5 mm, L = 89 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.12**<br>279 918012 001 | Touche à bille Ø1 mm avec porte-touche, L=86 mm<br>Kugel-Messeinsatz Ø1 mm mit Halter, L=86 mm<br>Measuring insert Ø1 mm with holder, L=86 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-114**<br>506 22 20 0063 | Goupille, 1 face hémisphérique et 1 face plane, L=100 mm<br>Stift, 1 halbkugelförmige und 1 flache Messfläche, L=100 mm<br>Pin, 1 hemispheric and 1 plane face, L=100 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-115**<br>279 901001 001 | Touche M1.4 avec bille Ø1 mm, L=12.5 mm<br>Fühlhebelmesseinsatz M1.4 mit Kugel Ø1 mm, L=12,5 mm<br>Measuring insert M1.4 with ball Ø1 mm, L=12.5 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-116**<br>279 901001 002 | Touche M1.4 avec bille Ø2 mm, L=12.5 mm<br>Fühlhebelmesseinsatz M1.4 mit Kugel Ø2 mm, L=12.5 mm<br>Measuring insert M1.4 with ball Ø2 mm, L=12.5 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-117**<br>279 901001 003 | Touche M1.4 avec bille Ø3 mm, L=12.5 mm<br>Fühlhebelmesseinsatz M1.4 mit Kugel Ø3 mm, L=12.5 mm<br>Measuring insert M1.4 with ball Ø3 mm, L=12.5 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.4**<br>279 918010 001 | Touche hémisphérique M2,5<br>Messeinsatz M2.5 mit kugelförmiger Messfläche<br>Measuring insert M2,5 with ball contact | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MI-118**<br>279 901003 001 | Touche M2.5 à 4 goupilles interchangeables, L=16/26/36/46 mm<br>Messeinsatz M2.5 mit 4 wechselbaren Stiften, L=16/26/36/46 mm<br>Measuring insert M2.5 with 4 interchangeable pins, L=16/26/36/46 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.2.1**<br>279 918005 002 | Touche à disque M2.5, Ø7.7 mm<br>Diskförmiger Messeinsatz M2.5, Ø7.7 mm<br>Disc-shaped inserts M2.5, Ø7.7 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

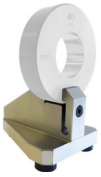
| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
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|  | **V-50.2.2**<br>279 918005 003 | Touche à disque M2.5, Ø11.5 mm<br>Diskförmiger Messeinsatz M2.5, Ø11.5 mm<br>Disc-shaped insert M2.5, Ø11.5 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.2.3**<br>279 918005 004 | Touche à disque M2.5, Ø18 mm<br>Diskförmiger Messeinsatz M2.5, Ø18 mm<br>Disc-shaped inserts M2.5, Ø18 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.2**<br>279 918005 001 | Jeu de 3 touches à disque M2.5, Ø 7.7 / 11.5 / 18 mm<br>Satz mit 3 Diskusförmigen Messeinsätzen M2.5, Ø 7.7 / 11.5 / 18 mm<br>Set of 3 disc-shaped inserts M2.5, Ø 7.7 / 11.5 / 18 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.3**<br>279 918008 001 | Touche à pied M2.5<br>L-förmiger Messeinsatz M2.5<br>Corner insert M2.5 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.1**<br>279 918009 001 | Touche M2.5 à bille rubis orientable Ø3 mm<br>Messeinsatz M2.5 mit Rubin-Kugel Ø3 mm<br>Measuring insert M2.5 with ruby ball Ø3 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TVM6**<br>512 11 20 0018 | Porte-touche Ø8 mm pour touches M2.5<br>Halter Ø8 mm für Messeinsätze M2.5<br>Holder Ø8 mm for measuring inserts M2.5 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TVM6E**<br>512 11 20 0019 | Porte-touche Ø8 mm pour touches 4-48<br>Halter Ø8 mm für Messeinsätze 4-48<br>Holder Ø8 mm for measuring inserts 4-48 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-101**<br>612 11 045 | Porte-touche M2.5, L=103 mm<br>Messeinsatz-Halter M2.5, L=103 mm<br>Measuring insert holder M2.5, L=103 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-103**<br>612 11 047 | Porte-touche 4-48, L=103 mm<br>Messeinsatz-Halter 4-48, L=103 mm<br>Measuring insert holder 4-48, L=103 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-102**<br>612 11 046 | Porte-touche M2.5, L=300 mm<br>Messeinsatz-Halter M2.5, L=300 mm<br>Measuring insert holder M2.5, L=300 mm | | | | | | | | ■ | ■ |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-IH-119**<br>612 11 048 | Porte-touche (")4-48, L=300mm<br>Messeinsatz-Halter (")4-48, L=300mm<br>Measuring insert holder (")4-48, L=300mm | | | | | | | | ■ | ■ |
|  | **TA-IH-104**<br>612 11 053 | Porte-touche orientable Ø4 et Ø8 mm<br>Orientabler Messeinsatz-Halter Ø4 und Ø8 mm<br>Swivel holder Ø4 and Ø8 mm | | ■ | | | | | | ■ | ■ |
|  | **TA-IH-105**<br>612 11 051 | Porte-touche orientable Ø4 et Ø8 mm, L=150 mm<br>Orientabler Messeinsatz-Halter Ø4 und Ø8 mm, L=150 mm<br>Swivel holder Ø4 and Ø8 mm, L=150 mm | | | | | | | | ■ | ■ |
|  | **V-2E/D1/4/L1**<br>612 11 013 | Porte-touche orientable Ø1/4 ", L=150 mm<br>Orientabler Messeinsatz-Halter Ø1/4 ", L=150 mm<br>Swivel holder Ø1/4 ", L=150 mm | | | | | | | | ■ | ■ |
|  | **TA-IH-106**<br>612 11 039 | Porte-touche orientable Ø4 et Ø8 mm, L=300 mm<br>Orientabler Messeinsatz-Halter Ø4 und Ø8 mm, L=300 mm<br>Swivel holder Ø4 and Ø8 mm, L=300 mm | | | | | | | | ■ | ■ |
|  | **TA-IH-107**<br>612 11 055 | Porte-touche à 90°, Ø8 mm<br>Messeinsatz-Halter 90°, Ø8 mm<br>Insert holder 90°, Ø8 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-108**<br>612 11 052 | Porte-touche à 90°, Ø8 mm, L=150 mm<br>Messeinsatz-Halter 90°, Ø8 mm, L=150 mm<br>Insert holder 90°, Ø8 mm, L=150 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-129**<br>612 11 040 | Porte-touche orienté à 90°, Ø 8mm, L=300mm<br>Messeinsatz-Halter, 90° geschwenkt, Ø 8mm, L=300mm<br>Holder at 90°, Ø 8mm, L=300mm | | | | | | | | ■ | ■ |
|  | **TA-IH-109**<br>612 11 054 | Porte-touche à 90°, Ø4 mm<br>Messeinsatz-Halter 90°, Ø4 mm<br>Insert holder 90°, Ø4 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-4**<br>612 11 011 | Porte-touche à 30°, Ø4 mm<br>Messeinsatz-Halter 30°, Ø4 mm<br>Insert holder 30°, Ø4 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-IH-111**<br>612 11 041 | Porte-touche à 90°, Ø4 mm, L=150 mm<br>Messeinsatz-Halter 90°, Ø4 mm, L=150 mm<br>Insert holder 90°, Ø4 mm, L=150 mm | | | | | | | | ■ | ■ |
|  | **TA-IH-112**<br>612 11 042 | Porte-touche à 90°, Ø4 mm, L=300 mm<br>Messeinsatz-Halter 90°, Ø4 mm, L=300 mm<br>Insert holder 90°, Ø4 mm, L=300 mm | | | | | | | | ■ | ■ |
|  | **TVA4**<br>609 05 007 | Porte-touche à tige Ø2 x 20 mm<br>Messeinsatz-Halter mit Stift Ø 2 x 20 mm<br>Insert holder with pin Ø2 x 20 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-113**<br>612 11 043 | Porte-touche à tige Ø2 x 20 mm, L=200 mm<br>Messeinsatz mit Stift Ø2 x 20 mm, L=200 mm<br>Insert holder with pin Ø2 x 20 mm, L=200 mm | | | | | | | | ■ | ■ |
|  | **TA-IH-114**<br>612 11 044 | Porte-touche à tige Ø2 x 20 mm, L=300 mm<br>Messeinsatz mit Stift Ø2 x 20 mm, L=300 mm<br>Insert holder with pin Ø2 x 20 mm, L=300 mm | | | | | | | | ■ | ■ |
|  | **V-5**<br>612 11 012 | Réduction Ø 8 / 4 mm<br>Reduktion Ø 8 / 4 mm<br>Reduction Ø 8 / 4 mm | | | | | | | | ■ | ■ |
|  | **TA-IH-135**<br>612 11 065 | Porte-touche standard Ø8 mm<br>Standard Messeinsatz-Halter Ø8 mm<br>Standard insert holder Ø8 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-128**<br>612 11 067 | Porte-touche Ø4 mm<br>Messeinsatz-Halter Ø4 mm<br>Measuring insert holder Ø4 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-137**<br>SP612 11 065 01 | Porte-touche Ø6 mm<br>Messeinsatz-Halter Ø6 mm<br>Measuring insert holder Ø6 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-130**<br>612 11 072 | Porte-touche orientable Ø4 et Ø8 mm<br>Orientabler Messeinsatz-Halter Ø4 und Ø8 mm<br>Swivel holder Ø4 and Ø8 mm | | | ■ | ■ | ■ | ■ | ■ | | |

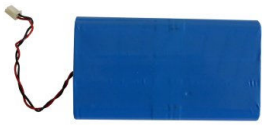
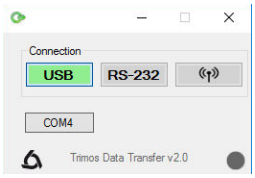
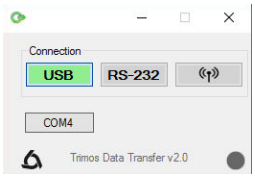
| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-IH-139**<br>712 11 089 | Porte-touche orientable Ø4 et Ø8 mm, L=148 mm<br>Orientabler Messeinsatz-Halter Ø4 und Ø8 mm, L=148 mm<br>Swivel holder Ø4 and Ø8 mm, L=148 mm | ■ | | | | | | | | |
|  | **TA-IH-127**<br>612 11 066 | Porte-touche Ø8 mm, L=400 mm<br>Messeinsatz-Halter Ø8 mm, L=400 mm<br>Insert holder Ø8 mm, L=400 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-131**<br>612 11 068 | Porte-touche orientable Ø4 et Ø8 mm, L=400 mm<br>Orientabler Messeinsatz-Halter Ø4 und Ø8 mm, L=400 mm<br>Swivel holder Ø4 and Ø8 mm, L=400 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-132**<br>612 11 069 | Porte-touche 90°, Ø4 mm, L=400 mm<br>Messeinsatz-Halter 90°, Ø4 mm, L=400 mm<br>Insert holder 90°, Ø4 mm, L=400 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-133**<br>612 11 070 | Porte-touche à tige Ø2 x 20 mm, L=400 mm<br>Messeinsatz-Halter mit Stift Ø 2 x 20 mm, L=400 mm<br>Insert holder with pin Ø2 x 20 mm, L=400 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-134**<br>612 11 071 | Porte-touche  M2.5, L=400 mm<br>Messeinsatz-Halter M2.5, L=400 mm<br>Measuring insert holder  M2.5, L=400 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-AD-105**<br>603 11 003 | Bague de positionnement de touche Ø15 mm<br>Positionierhalter für Messeinsatz Ø15 mm<br>Positioning holder for measuring insert Ø15 mm | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **V-50.6**<br>279 918002 002 | Porte-touche M2.5, L=80 mm<br>Messeinsatz-Halter M2.5, L=80 mm<br>Measuring insert holder M2.5, L=80 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.5**<br>279 918002 001 | Porte-touche M2.5, L=124 mm<br>Messeinsatz-Halter M2.5, L=124 mm<br>Measuring insert holder M2.5, L=124 mm | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-115**<br>279 918002 003 | Porte-touche M2.5, L=200 mm<br>Messeinsatz-Halter M2.5, L=200 mm<br>Measuring insert holder M2.5, L=200 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **V-50.7**<br>279 918001 002 | Porte-touche à 90°, M2.5<br>Messeinsatz-Halter 90°, M2.5<br>Insert holder 90°, M2.5 | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.8**<br>279 918001 001 | Porte-touche à 90°, Ø4 mm<br>Messeinsatz-Halter 90°, Ø4 mm<br>Insert holder 90°, Ø4 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-116**<br>279 918001 003 | Porte-touche à tige, Ø1 x 10 mm, L=80 mm<br>Messeinsatz mit Stift, Ø1 x 10 mm, L=80 mm<br>Measuring insert holder, Ø1 x 10 mm, L=80 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-117**<br>512 11 20 0012 | Porte-touche pour touches M2.5, M1.6, M1.4<br>Halter für Messeinsätze M2.5, M1.6, M1.4<br>Holder for measuring inserts M2.5, M1.6, M1.4 | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-118**<br>512 11 20 0013 | Porte-touche pour touches 4-48, M1.6, M1.4<br>Halter für Messeinsätze 4-48, M1.6, M1.4<br>Holder for measuring inserts 4-48, M1.6, M1.4 | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-IH-136**<br>712 11 073 | Porte-touche Ø8 mm, L=200 mm, Support pour palpeur de perpendicularité<br>Messeinsatz-Halter Ø8 mm, L=200 mm, Halter für Rechtwinkligkeitstaster<br>Insert holder Ø8 mm, L=200 mm, Holder for perpendicularity probe | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-IH-126**<br>612 07 006 | Support pour palpeur de perpendicularité<br>Halter für Rechtwinkligkeitstaster<br>Holder for perpendicularity probe | | | | | | | | ■ | ■ |
|  | **TA-MS-101**<br>276 940001 001 | Palpeur de perpendicularité pour V6/V7/V8/V9-400/700, (sans support - V6/V7: TA-IH-136 &<br>Rechtwinkligkeitstaster für V6/V7/V8/V9-400/700, (ohne Halter - V6/V7: TA-IH-136 & V8/V9: TA-IH-126)<br>Perpendicularity probe for V6/V7/V8/V9-400/700, (without support - V6/V7: TA-IH-136 & V8/V9: TA-IH- | | | | | | ■ | ■ | ■ | ■ |
|  | **TA-MS-102**<br>276 940001 002 | Palpeur de perpendicularité pour V6/V7/V8/V9-1100, (sans support - V6/V7: TA-IH-136 & V8/V9:<br>Rechtwinkligkeitstaster für V6/V7/V8/V9-1100, (ohne Halter - V6/V7: TA-IH-136 & V8/V9: TA-IH-126)<br>Perpendicularity probe for V6/V7/V8/V9-1100, (without support - V6/V7: TA-IH-136 & V8/V9: TA-IH- | | | | | | ■ | ■ | ■ | ■ |
|  | **TA-MS-104**<br>609 02 021 | Palpeur de perpendicularité pour V7-1800, (sans support TA-IH-136)<br>Rechtwinkligkeitstaster für V7-1800, (ohne Halter TA-IH-136)<br>Perpendicularity probe for V7-1800, (without support TA-IH-136) | | | | | | | ■ | | |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-SU-101**<br>740 02 001 | Paire de vis d'appui pour base V4 ÷ V9<br>Paar Stützschrauben für Gerätebasis V4 ÷ V9<br>Pair of abutment screw for instrument base V4 ÷ V9 | | | | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-SE-106**<br>605 01 022 | Jeux d'accessoires "Macro" (16 pcs)<br>Zubehörsatz "Macro" (16 Stk.)<br>Set of accessories "Macro" (16 pcs) | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-SE-102**<br>605 01 008 | Jeux d'accessoires "Micro" (20 pcs)<br>Zubehörsatz "Micro" (20 Stk.)<br>Set of accessories "Micro" (20 pcs) | | | | | | | | ■ | ■ |
|  | **TA-SE-105**<br>605 01 023 | Jeux d'accessoires "Micro" (20 pcs)<br>Zubehörsatz "Micro" (20 Stk.)<br>Set of accessories "Micro" (20 pcs) | | | ■ | ■ | ■ | ■ | ■ | | |
|  | **TA-SE-107**<br>605 01 024 | Jeux d'accessoires "Eco" (7 pcs)<br>Zubehörsatz "Eco" (7 Stk.)<br>Set of accessories "Eco" (7 pcs) | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MG-104**<br>609 01 032 | Jauge d'étalonnage 25 mm<br>Einstellehre 25 mm<br>Setting gauge 25 mm | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MG-105**<br>SP609 01 032 02 | Bloc d'étalonnage avec hauteur et diamètre, H=100 mm<br>Einstell-Lehre mit Höhe und Durchmesser, H=100 mm<br>Setting gauge with height and diameter, H=100 mm | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-MG-107**<br>709 01 037 | Jauge d'étalonnage 4 mm<br>Einstellehre 4 mm<br>Setting gauge 4 mm | ■ | ■ | | | | | | | |
|  | **TA-SU-102**<br>SP609 40 040 03 | Support pour mesure de bague-étalon TA-MG-001, (sans bague)<br>Messständer für Einstellring TA-MG-001, (ohne Ring)<br>Measuring stand for master ring gauge TA-MG-001, (without ring) | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-TO-102**<br>614 00 007 | Pièce de démonstration<br>Vorführungsteil<br>Demonstration piece | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **V-60**<br>712 12 045 | Support de rangement pour accessoires<br>Zubehör-Ablagefach<br>Wooden accessories support | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **V-50.13**<br>290 918001 001 | Clé pour touche comparateur à levier<br>Schlüssel für Fühlhebelmesseinsatz<br>Wrench for measuring inserts | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-TO-118**<br>705 05 10 0009 | Housse de protection pour V1/V1+ 300 mm<br>Schutzhülle für V1/V1+ 300 mm<br>Protection cover for V1/V1+ 300 mm | ■ | | | | | | | | |
|  | **TA-TO-119**<br>705 05 10 0011 | Housse de protection pour V1/V1+ 600 mm<br>Schutzhülle für V1/V1+ 600 mm<br>Protection cover for V1/V1+ 600 mm | ■ | | | | | | | | |
|  | **TA-TO-114**<br>505 05 10 0041 | Housse de protection pour V2 ÷ V9 - 400<br>Schutzhaube für V2 ÷ V9 - 400<br>Protection cover for V2 ÷ V9 - 400 | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-TO-115**<br>505 05 10 0042 | Housse de protection pour V2 ÷ V9 - 700<br>Schutzhaube für V2 ÷ V9 - 700<br>Protection cover for V2 ÷ V9 - 700 | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-TO-116**<br>505 05 10 0043 | Housse de protection pour V5 ÷ V9 - 1100<br>Schutzhaube für V5 ÷ V9 - 1100<br>Protection cover for V5 ÷ V9 - 1100 | | | | | ■ | ■ | ■ | ■ | ■ |
|  | **TA-TO-117**<br>505 05 10 0044 | Housse de protection pour V7 - 1800<br>Schutzhaube für V7 - 1800<br>Protection cover for V7 - 1800 | | | | | | | ■ | | |
|  | **TA-EL-112**<br>716 20 001 | Câble pour connexion RS232-PC<br>Kabel für RS232-PC-Verbindung<br>Cable for RS232-PC connection | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-EL-013**<br>332 02 0001 | Câble de liaison USB A-B, L=1.8 m<br>Verbindungskabel, USB A-B, L=1.8 m<br>USB A-B connection cable, L=1.8 m | | | | | | | ■ | | ■ |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-EL-014**<br>332 02 0002 | Câble de liaison USB A-Mini B, L=1.8m<br>Verbindunskabel, USB A-Mini B, L=1.8m<br>USB A-Mini B connection cable, L=1.8m | | ■ | ■ | ■ | ■ | ■ | | ■ | |
|  | **TA-EL-022**<br>716 35 008 | Système de transmission de données sans fil, 1 x dongle pour l'Instrument & 1 x dongle USB pour PC<br>Drahtloses Datenübertragungssysstem, 1 x Dongle für das Instrument & 1 x USB-Dongle für PC<br>Wireless data transmission system, 1 x dongle for the instrument & 1 x USB dongle for PC | | | | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-EL-032**<br>756 0018 | Imprimante thermique avec support, chargeur et câble RS232, (Pour V3 ÷ V6)<br>Thermodrucker mit Halter, Ladegerät und RS232-Kabel, (für V3 ÷ V6)<br>Thermal printer with holder, AC adapter and RS232 cable, (for V3 ÷ V6) | | ■ | ■ | ■ | ■ | ■ | | ■ | |
|  | **TA-EL-033**<br>756 0020 | Imprimante thermique avec support, chargeur et câble RS232, (Pour V7 & V9)<br>Thermodrucker mit Halter, Ladegerät und RS232-Kabel, (für V7 & V9)<br>Thermal printer with holder, AC adapter and RS232 cable, (for V7 & V9) | | | | | | | ■ | | ■ |
|  | **V-30.7**<br>788 000001 001 | Rouleaux de papier (5 pces) pour imprimante thermique<br>Papierrollen (5 Stk.) für Thermodrucker<br>Paper rolls (5 pces) for thermal printer | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-EL-063**<br>3704 0024 | Batterie pour imprimante TA-EL-032 & TA-EL-033<br>Batteriesatz für Drucker TA-EL-032 & TA-EL-033<br>Battery pack for printer TA-EL-032 & TA-EL-033 | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-EL-016**<br>332 08 0001 | Câble de connection instrument-affichage 0.23 m (HDMI)<br>Verbindungskabel Instrument-Anzeige 0.23 m (HDMI-Stecker)<br>Connection cable Instrument-Display 0.23 m (HDMI) | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-EL-132**<br>716 70 010 | Convertisseur AC/DC 240/24V - 3,0 A (36 W)<br>AC/DC-Wandler 240/24V - 3,0 A (36 W)<br>Converter AC/DC 240/24V - 3,0 A (36 W) | | ■ | ■ | ■ | ■ | ■ | | ■ | |
|  | **TA-EL-133**<br>716 70 009 | Convertisseur AC/DC 100-240V/12V - 2.5A (avec adaptateur)<br>Netzgerät AC/DC 100-240V/12V - 2.5A (mit adapter)<br>Adapter AC/DC 100-240V/12V - 2.5A (with adapter) | | | | | | | ■ | | ■ |
|  | **TA-EL-060**<br>3704 0021 | Accumulateur pour V2, V3, V4, V5, V6 & V8, (Li-ion 7,2V - 2600mA/h)<br>Batteriesatz für V2, V3, V4, V5, V6 & V8, (Li-ion 7,2V - 2600mA/h)<br>Battery pack for V2, V3, V4, V5, V6 & V8, (Li-ion 7,2V - 2600mA/h) | | ■ | ■ | ■ | ■ | ■ | | ■ | |

| | | | V1 | V2 | V3 | V4 | V5 | V6 | V7 | V8 | V9 |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | **TA-EL-061**<br>3704 0022 | Accumulateur pour V7 & V9, (Li-ion 7,2V - 10,4A/h)<br>Batteriesatz für V7 & V9, (Li-ion 7,2V - 10,4A/h)<br>Battery pack for V7 & V9, (Li-ion 7,2V - 10,4A/h) | | | | | | | ■ | | ■ |
|  | **TA-EL-062**<br>3705 0005 | Pile de sauvegarde (CR1632)<br>Pufferbatterie (CR1632)<br>Back-up battery (CR1632) | | | | | | | ■ | | ■ |
|  | **BAT-TVM.OPT**<br>3705 0002 | Pile (CR2032)<br>Batterie (CR2032)<br>Battery (CR2032) | ■ | | | | | | | | |
|  | **TA-SW-002**<br>394 1 0051 | Logiciel de communication (TrimosDataTransfer)<br>Software für Datenübertragung (TrimosDataTransfer)<br>Software for data transfer (TrimosDataTransfer) | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
|  | **TA-SW-003**<br>394 1 0052 | Logiciel de communication (TrimosDataTransfer Advanced), avec création de port COM virtuel<br>Software für Datenübertragung (TrimosDataTransfer Advanced), mit virtueller<br>Software for data transfer (TrimosDataTransfer Advanced), with virtual COM-port creation | | | | ■ | ■ | ■ | ■ | ■ | ■ |

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