



---

# MT30

## Product Catalogue

Doc.No: 100352703  
Version from: 01.02.2026

---

---

## Device



### STANDARD SET

#### MT30 Three-Phase Reference Meter CAT III

Inclusive adjustment and factory calibration for one mains frequency.

Ord.No. **1016656xx**

Calibration	Ord.No.	Add.Price
Factory 50 Hz	xx --> 00	0,00 EUR
Factory 60 Hz	xx --> 01	0,00 EUR
DAkKS 50 Hz	xx --> 02	980,00 EUR
DAkKS 60 Hz	xx --> 03	980,00 EUR

The MT30 is a light weight and compact Reference Meter for on-site verification and calibration of single- or three-phase domestic meters.

Test voltage can be measured by the Reference Meter directly from the mains. Test current must be measured via current clamps.

The MT30 is designed for testing of one test specimen.

- Accuracy class: 0.2 by using of MT3460 current clamp

type

- Measurement direct: max. 300 V
- Measurement via clamps: max. 120 A
- Power supply via external unit
- Rechargeable battery operation (battery warranty 6 months)
- Selective power measurement

#### Each inclusive the following accessories:

Qty	Description Order No.
1	MT3460, AC current clamp set 1016683xx incl. calibration
1	AC power supply for MT30 100307140
1	Power cord "Euro plug type C 100067700 to figure-of-eight", 2.0 m
1	Power cord "stackable safety 100067608 plug (black) to figure-of-eight" 2.0 m
1	Li-Ion battery, set of 3 100619500
1	Laboratory cable with X00006910 stackable plug, 2.0 m black
1	Laboratory cable with X00007597 stackable plug, 2.0 m red

1	Laboratory cable with X00006907 stackable plug, 2.0 m yellow
1	Laboratory cable with X00007598 stackable plug, 2.0 m blue
1	Accessories bag with 100023723 connection adapters
1	Holding device for 100319600 scanning head
1	Connection cable for Z10353027 scanning head input (SC)
1	TK326, scanning head 101064901
1	Interface cable, RS232 X00010844
1	Carrying strap for reference 100170000 meter, black, width 25 mm
1	Transport case for MT30, 100023981 Standard
1	Complete documentation as 100090716 pdf files on USB flash drive



### MT30 Three-Phase Reference Meter CAT III

Inclusive MT3460, adjustment and factory calibration for one mains frequency.

Ord.No. **1016657xx**

Calibration	Ord.No.	Add.Price
Factory 50 Hz	xx --> 00	0,00 EUR
Factory 60 Hz	xx --> 01	0,00 EUR
DAkKS 50 Hz	xx --> 02	1.360,00 EUR
DAkKS 60 Hz	xx --> 03	1.360,00 EUR

The MT30 is a light weight and compact Reference Meter for on-site verification and calibration of single- or three-phase domestic meters.

The MT30 is designed for testing of one test specimen.

#### Configuration:

- Direct voltage measurement up to 300 V / -- A \*
- Accuracy for power/energy measurement: <math>\pm 0.2\%</math> by using of MT3460 current clamp type
- Power supply via external unit

- Rechargeable battery operation (optional)
- \* Current measurements only via current clamps



**MT30 Three-Phase Reference Meter CAT IV**  
Inclusive MT3460, adjustment and factory calibration for one mains frequency.

Ord.No. **1016671xx**

Calibration	Ord.No.	Add.Price
Factory 50 Hz	xx --> 00	0,00 EUR
Factory 60 Hz	xx --> 01	0,00 EUR
DAkKS 50 Hz	xx --> 02	1.360,00 EUR
DAkKS 60 Hz	xx --> 03	1.360,00 EUR

The MT30 is a light weight and compact Reference Meter for on-site verification and calibration of single- or three-phase domestic meters.  
The MT30 is designed for testing of one test specimen.

Configuration:

- Direct voltage measurement up to 300 V / -- A \*
- Accuracy for power/energy measurement: <  $\pm 0.2$  %  
by using of MT3460 current clamp type
- Power supply via external unit
- Rechargeable battery operation (optional)

\* Current measurements only via current clamps

## Power Cords



**AC Power Supply for MT10/30**  
to operate and recharge internal batteries.  
Input voltage 80...264 VAC  
Output voltage 15 VDC  
AC power cord for mains has to be ordered separately.

Ord.No. **100307140**



**AC Power Supply for MT10/30 with fuse**  
to operate and recharge internal batteries.  
Input voltage 90...264 VAC  
Output voltage 16 VDC  
In case of overvoltage connection power supply will be protected by internal security circuit and fuse.  
Fuse rating: 1,6 A / 440 V  
AC power cord for mains and spare fuses has to be ordered separately.

Ord.No. **101097300**



**Power cord “Plug type A to figure-of-eight”,  
2.0 m**

For supply via mains supply.

- 1x Plug type A
- 1x Figure-of-eight socket (IEC 60320-1 C7)

Ord.No. **100277201**



**Power cord “Euro plug type C to figure-of-eight”,  
2.0 m**

For supply via mains supply.

- 1x Euro plug type C (CEE 7/16)
- 1x Figure-of-eight socket (IEC 60320-1 C7)

Ord.No. **100067700**



**Power cord “Plug type G to figure-of-eight”,  
2.0 m**

For supply via mains supply.

- 1x Plug type G (BS1363)
- 1x Figure-of-eight socket (IEC 60320-1 C7)

Ord.No. **100277200**



**Power cord “Plug type I to figure-of-eight”, 2.0 m**

For supply via mains supply.

- 1x Plug type I (AS/NZS 3112, 2-pin)
- 1x Figure-of-eight socket (IEC 60320-1 C7)

Ord.No. **100277202**



**Power cord “stackable safety plug (black)  
to figure-of-eight”, 2.0 m**

For supply via test voltage.

- 2x stackable, spring-loaded 4 mm plugs with rigid insulating sleeve (2x black)
- 1x Figure-of-eight socket (IEC 60320-1 C7)

Ord.No. **100067608**

## Battery Pack and Accessories



**Li-Ion Battery, set of 3 (M00400491)**

- 3,7 V/2200 mAh

Ord.No. **100619500**

**Lithium-ion batteries are classified as “hazardous goods.”**

Transport by road, sea, or air is only possible to a very limited extent when shipping batteries as spare parts and involves significant safety measures. Therefore, ZERA

offers these parts **ex works (INCOTERM: EXW Königswinter)** only.

ZERA GmbH is responsible for the proper **packaging and labeling** of the goods. The **buyer** is responsible for proper transportation. For registration with a carrier selected by the buyer, please note the following:

- **Classification: Hazardous Goods, Class 9**
- **Declaration: UN3480, PI 965, Section IB**
- **Dokuments:**
  - **UN38.3 Summary Test Report (provided by ZERA)**
  - **MSDS Material Safety Data Sheet (provided by ZERA)**
  - **IEC-Certifikate (available upon request)**

Please understand that the packaging must meet high international standards. Therefore, packaging costs for hazardous goods transport will be invoiced as standard.

**Warranty: 6 months**

## Current Clamps (see also Special Accessories)



### MT3460, AC current clamp set 120 A

The CT set is electronically compensated. Calibration independent from the measuring standard inclusive adjustment and factory calibration for one mains frequency.

Ord.No. **1016683xx**

Calibration	Ord.No.	Add.Price
Factory 50 Hz	xx → 00	0,00 EUR
Factory 60 Hz	xx → 01	0,00 EUR
DAkKS 50 Hz	xx → 02	1.012,00 EUR
DAkKS 60 Hz	xx → 03	1.012,00 EUR

**DAkKS calibrations are only performed together with the corresponding measuring standard.**

- Clamping diameter: 16 mm
- Output: D-Sub plug 25-pin
- Measuring range: 5 mA ... 120 A
- Error of measurement:
  - < ±0.15% @ 500 mA ... 120 A
  - < ±0.3% @ 100 mA ... < 500 mA
- Frequency range: 45 ... 65 Hz
- Overvoltage Category: CAT III 600 V / CAT IV 300 V



### MT3416, AC current clamp set 300 A

The CT set is electronically compensated. Calibration independent from the measuring standard inclusive adjustment and factory calibration for one mains frequency.

Ord.No. **1016692xx**

Calibration	Ord.No.	Add.Price
Factory 50 Hz	xx → 00	0,00 EUR
Factory 60 Hz	xx → 01	0,00 EUR
DAkKS 50 Hz	xx → 02	1.012,00 EUR

**DAkKS 60 Hz**    **xx → 03**    **1.012,00 EUR**

**DAkKS calibrations are only performed together with the corresponding measuring standard.**

- Clamping diameter: 52 mm
- Output: D-Sub plug 25-pin
- Measuring range: 100 mA ... 300 A
- Error of measurement:
  - <  $\pm 0,15$  % / <  $0,1^\circ$  (1 A ... 300 A)
  - <  $\pm 0,3$  % / <  $0,1^\circ$  (500 mA ... 1 A)
  - <  $\pm 0,6$  % / <  $0,15^\circ$  (200 mA ... 500 mA)
- Frequency range: 45 ... 65 Hz
- Overvoltage Category: CAT III 600 V / CAT IV 300 V

### Quick Connection Cable (see also Special Accessories)



**Quick connection cable “voltage/rigid sleeve” for MT series, 2.5 m, phase colours: red/yellow/blue/black**  
To prevent connecting faults on the instrument’s side.  
Measurement category III (CAT III).

- Instrument’s side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x red, 1x yellow, 1x blue, 1x black
- Cable cross-section: 2.5 qmm

Ord.No.    **100023402**



**Quick connection cable CAT IV for “voltage/rigid sleeve” for MT series, 2 m, phase colours: red/yellow/blue/black**

To prevent connecting faults on the instrument’s side.  
Measurement category IV (CAT IV).

- Instrument’s side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x 4 mm Multilam plug with rigid insulating sleeve - 1x red, 1x yellow, 1x blue, 1x black
- Cable cross-section: 2.5 qmm

Ord.No.    **100023483**

### Current and Voltage Cables (see also Special Accessories)



**Laboratory cable with stackable plug, red, 2.0 m**  
Measurement category III (CAT III).

- 2x stackable 4 mm plugs with rigid insulating sleeve
- Lead cross section: 2.5 qmm

Ord.No.    **X00007597**

**Laboratory cable with stackable plug, yellow, 2.0 m**

Measurement category III (CAT III).

- 2x stackable 4 mm plugs with rigid insulating sleeve
- Lead cross section: 2.5 qmm

Ord.No. **X00006907****Laboratory cable with stackable plug, blue, 2.0 m**

Measurement category III (CAT III).

- 2x stackable 4 mm plugs with rigid insulating sleeve
- Lead cross section: 2.5 qmm

Ord.No. **X00007598****Laboratory cable with stackable plug, black, 2.0 m**

Measurement category III (CAT III).

- 2x stackable 4 mm plugs with rigid insulating sleeve
- Lead cross section: 2.5 qmm

Ord.No. **X00006910****CAT IV Laboratory cable max. 12 A, 2.0 m**

- 2x 4 mm plugs (non-stackable) with rigid insulating sleeve
- Lead cross section: 1 qmm
- Phase colours: Please specify the colour code when ordering

The cables will get a corresponding coloured marking.

**20=black-white, 21=black, 22=red, 23=blue,**  
**24= yellow, 25=green, 26=violet, 27=brown,**  
**28=grey, 29=white**

Ord.No. **1014308xx**

xx please select the colour

## Software

**Software SSM3000 / MTVis**

The software runs under Windows 7 or 10.

- SSM3000: For external control via PC.
- MTVis: To readout and display saved data.

Ord.No. **100090720**The software can be downloaded at [www.zera.de](http://www.zera.de).

N	P [kW]	Q [kVar]	S [kVA]
0	0.0000	0.0000	0.0000
1	2.2409	0.0000	2.2409
2	-0.0000	0.0000	0.0000
3	0.0230	0.0001	0.0230
4	0.0000	-0.0000	0.0000
5	0.2004	0.0000	0.2004
6	0.0000	0.0000	0.0000
7	-0.0000	0.0000	0.0000
8	0.0000	-0.0000	0.0000
9	0.0000	0.0000	0.0000
10	-0.0000	-0.0000	0.0000

**Software option for selective power measurement, MT10 / MT30**

3 additional measuring modes for only fundamental power in 4W active, 4W reactive and 4W apparent are available

Ord.No. **100078811**

**Impulse Sensor (see also Special Accessories)**



**TK118, scanning head**

For detection of LED signals of electronic meters.

- Fixing: Via provided suction cup or via optionally available stretchable holding device for scanning heads TK326/TK118.

Ord.No. **100201900**



**TK326, scanning head without holding device**

For detection of rotor disc markings on Ferraris meters and LED signals on electronic meters.

- Fixing: Via stretchable holding device for scanning heads TK326/TK118.

Ord.No. **101064901**



**Holding device for scanning head TK326/ TK118**

Stretchable holding device to fix the scanning head TK326 or TK118 at the electricity meter.

- Maximum wingspan: 19.0 cm.

Ord.No. **100319600**



**K121, S0 pulse converter with measuring leads**

For pulse detection of floating contacts as well as of S0 pulse output on electricity meters. Including two laboratory cables with safety plug/connection pin.

Ord.No. **100004210**



**Connection cable for RJ10 socket input (SC)**

The spiral cable for connecting of TKxxx or K121 to the ZERA instrument.

- 2x Modular connector RJ10
- Length: 1.00 m / expanded: 6.00 m

Ord.No. **Z10353027**



### ZZ8636 Start-stop pushbutton for signal entry

The start-stop pushbutton is used for manual pulse entry when testing electricity meters.

Ord.No. **101091620**

## Connectors (see also Special Accessories)



### Accessories bag with connection adapters

- 1x Accessories bag (100214400)
- 3x Spring clip (100606760)
- 4x 4 mm plug adapter (banana plug) (X00004962)
- 4x Adapter for terminal blocks (101584400)
- 3x 4 mm test clips (crocodile clips), slim (X00009329)
- 3x 4 mm test clips (crocodile clips), wide (X00010059)

Ord.No. **100023723**

## Transport (see also Special Accessories)



### Transport Case for MT10 / MT30, large

Aluminum case with inlet from rigid foam, designed for

- 1 Instrument
- Accessories

Overall dimensions:

47 cm x 53,5 cm x 18 cm (H x W x D)

*Please clarify whether the case size is suitable for the ordered accessories.*

Ord.No. **100023990**



### Transport Case for MT10 / MT30, Standard

Aluminum case with inlet from rigid foam, designed for

- 1 Instrument
- Accessories

Overall dimensions:

36 cm x 45 cm x 17 cm (H x W x D)

*Please clarify whether the case size is suitable for the ordered accessories.*

Ord.No. **100023981**

## Standard Accessories (see also Special Accessories)



### Interface cable, RS232, crossed wired (null modem cable)

Connection cable for communication

- 2x D-Sub socket, 9-pin
- Cable length: 3.00 m

Ord.No. **X00010844**

## Documentation



**Complete Documentation**  
as pdf files on USB flash drive

Ord.No. **100090716**

## Special Accessories

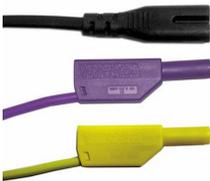


**Power cord “stackable safety plug (black/yellow) to figure-of-eight”, 2.0 m**

Ord.No. **100067601**

For supply via test voltage.

- 2x stackable, spring-loaded 4 mm plugs with rigid insulating sleeve (1x black; 1x yellow)
- 1x Figure-of-eight socket (IEC 60320-1 C7)



**Power cord “stackable safety plug (violet/yellow) to figure-of-eight”, 2.0 m**

Ord.No. **100067602**

For supply via test voltage.

- 2x stackable, spring-loaded 4 mm plugs with rigid insulating sleeve (1x violet/1x yellow)
- 1x Figure-of-eight socket (IEC 60320-1 C7)

## Special Accessories (Current Clamps and Probes)



**MT3470, flexible AC current probes 3000 A, 0.45 m**

Ord.No. **100061320**

Flexible clamping adapter for enclosing conductors of any shape and in areas difficult to access.

- Diameter: ca. 14 cm
- Output: 2x 4 mm safety plug connection via adapter **MT3423**
- Measuring range: 500 mA ... 3000 A
- Switchable ranges: 3 A, 30 A, 300 A, 3000 A
- Error of measurement with optimal range selection:
  - 3-A-range:  $\leq \pm 1,0\%$  / typ.  $0,5^\circ$  (0,5 A ... 3 A)
  - 30-A-range:  $\leq \pm 1,0\%$  / typ.  $0,5^\circ$  (2 A ... 30 A)
  - 300-A-range:  $\leq \pm 1,0\%$  / typ.  $0,5^\circ$  (30 A ... 300 A)
  - 3000-A-range:  $\leq \pm 1,0\%$  / typ.  $0,5^\circ$  (300 A ... 3000 A)
- Frequency range: 30 Hz ... 440 Hz
- Rated voltage: 1000 V, CAT IV

**Note:** Connection to the instrument is via adapter **MT3423**.  
The adapter has to be ordered separately.



**MT3471, flexible AC current probes 3000 A, 0.8 m**

Ord.No. **100061321**

Flexible clamping adapter for enclosing conductors of any shape and in areas difficult to access.

- Diameter: ca. 25 cm
- Output: 2x 4 mm safety plug connection via adapter **MT3423**
- Measuring range: 500 mA ... 3000 A

- Switchable ranges: 3 A, 30 A, 300 A, 3000 A
  - Error of measurement with optimal range selection:
    - 3-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (0,5 A ... 3 A)
    - 30-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (2 A ... 30 A)
    - 300-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (30 A ... 300 A)
    - 3000-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (300 A ... 3000 A)
  - Frequency range: 30 Hz ... 440 Hz
  - Rated voltage: 1000 V, CAT IV
- Note:** Connection to the instrument is via adapter **MT3423**.  
The adapter has to be ordered separately.



**MT3472, flexible AC current probes 30000 A, 1.2 m**  
Flexible clamping adapter for enclosing conductors of any shape and in areas difficult to access.

- Diameter: ca. 38 cm
  - Output: 2x 4 mm safety plug connection via adapter **MT3424**
  - Measuring range: 500 mA ... 30000 A
  - Switchable ranges: 30 A, 300 A, 3000 A, 30000 A
  - Error of measurement with optimal range selection:
    - 30-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (0,5 A ... 30 A)
    - 300-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (10 A ... 300 A)
    - 3000-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (300 A ... 3000 A)
    - 30000-A-range:  $\leq \pm 1,0 \%$  / typ.  $0,5^\circ$  (300 A ... 30000 A)
  - Frequency range: 30 Hz ... 440 Hz
  - Rated voltage: 1000 V, CAT IV
- Note:** Connection to the instrument is via adapter **MT3424**.  
The adapter has to be ordered separately.

Ord.No. **100061322**



**MT3423, adapter "4 mm safety plug to D-Sub plug 25-pin", 1.0 m.**

For connecting max. three flexible current probes of the same type to the instrument.  
Suitable for the types **MT3470** and **MT3471**.

Equipped with:

- 3x socket for two 4 mm safety plugs
- 1x D-Sub plug, 25-pin

Ord.No. **100032220**



**MT3424, adapter "4 mm safety plug to D-Sub plug 25-pin", 1.0 m.**

For connecting max. three flexible current probes of the same type to the instrument.  
Suitable for the types **MT3472**.

Equipped with:

- 3x socket for two 4 mm safety plugs
- 1x D-Sub plug, 25-pin

Ord.No. **100032221**

## Special Accessories (Quick Connection Cable)



**Quick connection cable “voltage/retractable sleeve” for MT series, 2.5 m, phase colours: red/yellow/blue/black**

To prevent connecting faults on the instrument's side.  
Measurement category III (CAT III).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with retractable sleeve to prevent accidental touching - 1x red, 1x yellow, 1x blue, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. **100013307**



**Quick connection cable for “voltage/rigid sleeve” for MT series, 4.0 m, phase colours: red/yellow/blue/black**

To prevent connecting faults on the instrument's side.  
Measurement category III (CAT III).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x red, 1x yellow, 1x blue, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. **100013306**



**Quick connection cable for “voltage/rigid sleeve” for MT series, 2.5 m, phase colours: yellow/green/violet/black**

To prevent connecting faults on the instrument's side.  
Measurement category III (CAT III).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x yellow, 1x green, 1x violet, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. **100023413**



**Quick connection cable for “voltage/rigid sleeve” for MT series, 2.5 m, phase colours: yellow/green/red/black**

To prevent connecting faults on the instrument's side.  
Measurement category III (CAT III).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x yellow, 1x green, 1x red, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. **100023482**



**Quick connection cable “voltage/rigid sleeve” for MT3x0 / MT3000, 2.5 m, phase colours: black/brown/grey/blue**

To prevent connecting faults on the instrument's side.

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x black, 1x brown, 1x grey, 1x blue
- Cable cross-section: 2.5 qmm

Ord.No. **100023497**

**Quick connection cable CAT IV for “voltage/rigid sleeve” for MT series, 2 m, phase colours: brown/black/grey/blue**

To prevent connecting faults on the instrument's side.

Measurement category IV (CAT IV).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x 4 mm Multilam plug with rigid insulating sleeve - 1x brown, 1x black, 1x grey, 1x blue
- Cable cross-section: 2.5 qmm

Ord.No. **101115311**



**Quick connection cable CAT IV for “voltage/rigid sleeve” for MT series, 2.5 m, phase colours: yellow/green/violet/black**

To prevent connecting faults on the instrument's side.

Measurement category IV (CAT IV).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x 4 mm Multilam plug with rigid insulating sleeve - 1x yellow, 1x green, 1x violet, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. **100023472**



**Quick connection cable CAT IV for “voltage/rigid sleeve” for MT series, 2.5 m, phase colours: black/brown/grey/blue**

To prevent connecting faults on the instrument's side.

Measurement category IV (CAT IV).

- Instrument's side: 1x 4-pin connector with anti-twist safeguard.
- Mains side: 4x 4 mm Multilam plug with rigid insulating sleeve - 1x black, 1x brown, 1x grey, 1x blue
- Cable cross-section: 2.5 qmm

Ord.No. **100023484**

## Special Accessories (Current and Voltage Cables)



- Laboratory cable with stackable plug, green, 2.0 m**  
 Measurement category III (CAT III).
- 2x stackable 4 mm plugs with rigid insulating sleeve
  - Lead cross section: 2.5 qmm

Ord.No. **X00006908**



- Laboratory cable with stackable plug, violet, 2.0 m**  
 Measurement category III (CAT III).
- 2x stackable 4 mm plugs with rigid insulating sleeve
  - Lead cross section: 2.5 qmm

Ord.No. **X00006909**



- Laboratory cable with stackable plug, brown, 2.0 m**  
 Measurement category III (CAT III).
- 2x stackable 4 mm plugs with rigid insulating sleeve
  - Lead cross section: 2.5 qmm

Ord.No. **100414100**



- Laboratory cable with stackable plug, grey, 2.0 m**  
 Measurement category III (CAT III).
- 2x stackable 4 mm plugs with rigid insulating sleeve
  - Lead cross section: 2.5 qmm

Ord.No. **100414103**



- Laboratory cable with stackable plug, white, 2.0 m**  
 Measurement category III (CAT III).
- 2x stackable 4 mm plugs with rigid insulating sleeve
  - Lead cross section: 2.5 qmm

Ord.No. **100662500**

## Special Accessories (Connectors)

- Fuse, 1.6 A / 440 V, 6.3 mm x 32 mm, time-lag**

Ord.No. **m00460183**





#### Connecting terminals for current

- Insulating screw joint for flexible wire connection max cable size 1,5 ... 16 mm<sup>2</sup>
- Socket: 4 mm rigid socket in insulator accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **X00011923**



#### Adapter for terminal blocks

- Connection via insulated flexible copper conductor.
- Socket: 4 mm rigid socket in insulator, made of brass, accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **101584400**



#### 4 mm plug adapter (banana plug)

- Plug: 4 mm spring-loaded plug, made of brass.
- Socket: 4 mm rigid socket in insulator accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **X00004962**



#### 4 mm cable lug adapters

- Cable lug adapter, made of brass for permanent installation, e. g. for connecting screw terminals.
- Socket: 4 mm rigid socket in insulator accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **X00004963**



#### Spring clip

- Connection via spring clip.
- Socket: spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **100606760**



#### Test plugs for terminal blocks

- Plug: 4 mm test plug, made of brass with spring-loaded plug for connecting into rail mounted terminals with 4 mm sockets.
- Socket: 4 mm rigid socket in insulator accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **100102400**



#### 4 mm test clips (crocodile clips), wide

- Crocodile clip made of brass with all-round insulation. Toothed jaws for wide grip with surface for fine wire.
- Socket: 4 mm rigid socket in insulator accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **X00010059**



#### 4 mm test clips (crocodile clips), slim

- Small, slim crocodile clip made of brass with all-round insulation. Toothed jaws for wide grip with surface for fine wire.
- 4 mm rigid socket in insulator accepting spring-loaded 4 mm plugs with rigid insulating sleeve.

Ord.No. **X00009329**



#### Accessories bag without content

DIN A6, material: polypropylene

Ord.No. **100214400**

### Special Accessories (Transport)



#### Carrying strap for reference meter, black, width 25 mm

Belt length: 700 - 1,400 mm, adjustable by sliding buckle, metal snap hooks on both sides.

Ord.No. **100170000**

### Special Accessories (General)



#### Adapter "USB to RS232" (32/64 bit), 1.5 m

For use with an external PC/Notebook (32/64 bit) with WINDOWS OS (7, 8, 10).

Ord.No. **101421801**

**MT3450, Temperature sensor**

Sensor for measuring of the ambient temperature on site. The measured temperature value is displayed and saved in the MT device.

Temperature range: -20° C ... +60° C (± 1° C)

Resolution: 0,1° C

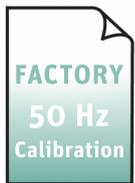
Cable length: 3 m

Ord.No.

**10090400****Readjustment (for Service)****Adjustment of MT30**

*Note:* Calibration and Calibration report are not included.

Ord.No.

**100033858****Calibration (for Service)****Factory Calibration for MT30, 50 Hz**

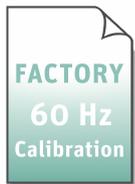
incl. ZERA calibration report.

**Load points according to ZERA regulations.**

Summary of used load points can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

Ord.No.

**100007049****Factory Calibration for MT30, 60 Hz**

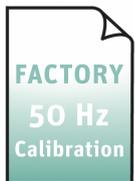
incl. ZERA calibration report.

**Load points according to ZERA regulations.**

Summary of used load points can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

Ord.No.

**100519719****Factory Calibration for MT30**

**incl. current clamp MT3460, 50 Hz**

incl. ZERA calibration report.

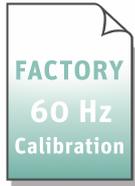
**Load points according to ZERA regulations.**

Summary of used load points can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

Ord.No.

**100890851**

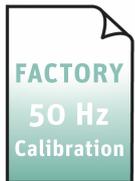


**Factory Calibration for MT30  
incl. current clamp MT3460, 60 Hz**  
incl. ZERA calibration report.

Ord.No. **100890852**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

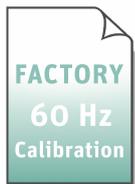


**Factory Calibration for MT3460 / MT3465 50Hz**  
incl. ZERA calibration report.

Ord.No. **101242304**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

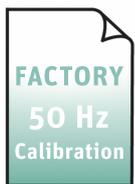


**Factory Calibration for MT3460 / MT3465 60Hz**  
incl. ZERA calibration report.

Ord.No. **101242305**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

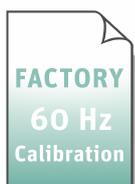


**Factory Calibration for MT3416 / MT3417, 50 Hz**  
incl. ZERA calibration report.

Ord.No. **100519701**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.



**Factory Calibration for MT3416 / MT3417, 60 Hz**  
incl. ZERA calibration report.

Ord.No. **100519704**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.



**Factory Calibration**  
for instrument, each additional  
load point for power and energy

Ord.No. **100007093**



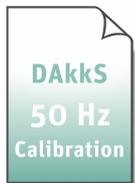
**Factory Calibration**  
for instrument, each additional  
load point for current and/or voltage

Ord.No. **100007094**



**Factory Calibration**  
for current clamps, each additional  
load point for for power and energy

Ord.No. **100007092**

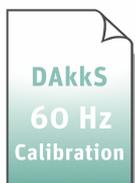


**DAkKS DKD-Calibration for MT30, 50 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **100006849**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

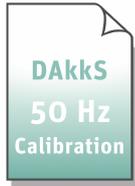


**DAkKS DKD-Calibration for MT30, 60 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **100519619**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

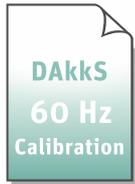


**DAkKS DKD-Calibration for MT30  
incl. current clamp MT3460, 50 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **101173917**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

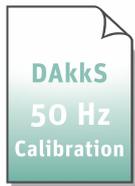


**DAkKS DKD-Calibration for MT30  
incl. current clamp MT3460, 60 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **101173918**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

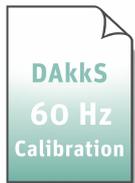


**DAkKS DKD-Calibration for MT3460 / MT3465, 50 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **101173912**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

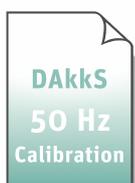


**DAkKS DKD-Calibration for MT3460 / MT3465, 60 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **101173913**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

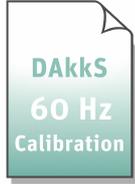


**DAkKS DKD-Calibration for MT3416 / MT3417, 50 Hz**  
Incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **100519600**

**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.

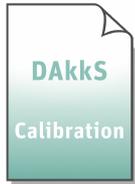


**DAkKS DKD-Calibration for MT3416 / MT3417, 60 Hz**  
incl. DKD-Calibration Certificate acc. IEC 17025

Ord.No. **100519603**

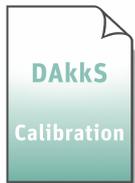
**Load points according to ZERA regulations.**  
Summary of used load points  
can be downloaded at [www.zera.de](http://www.zera.de).

Additional load points are subject to charges.



**DAkKS DKD-Calibration (acc. IEC 17025)**  
for instrument, each additional  
load point for power and energy

Ord.No. **100006893**



**DAkKS DKD-Calibration (acc. IEC 17025)**  
for instrument, each additional  
load point for current / voltage

Ord.No. **100006894**



**DAkKS DKD-Calibration (acc. IEC 17025)**  
for current clamps, each additional  
load point for power and energy

Ord.No. **100006892**

---

ZERA GmbH  
Humboldtstrasse 2a  
D-53639 Koenigswinter  
Phone: +49 (0)2244 9277-0  
E-Mail: [zera@zera.de](mailto:zera@zera.de)  
Internet: [www.zera.de](http://www.zera.de)  
Managing Director: Horst Wächter  
Headquarter: Königswinter

---

Commerzbank Bonn  
IBAN: DE29 3804 0007 0113 3131 00  
SWIFT (BIC): COBADEFF380

Kreissparkasse Köln  
IBAN: DE15 3705 0299 0001 0784 92  
SWIFT (BIC): COKSDE33

HRB 7073 Siegburg  
VAT-IdNo. DE 218 515 479  
WEEE-Reg.Nr. DE 53879641

---

## Notes on using the product catalogue

When ordering, always state the order number.

Pictures can differ from original product.

We follow ZVEI terms of delivery, see on [www.zera.de](http://www.zera.de)