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**ZERA**

**MT551**  
**Product Catalog**

Doc.No: 100352717  
Version from: 01.02.2012

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## Device



### Three phase current and voltage source MT551

Including adjustment and standard factory calibration.  
The portable source MT551 provides current and voltage for on site testing of meter installations.

- Three phase current generation up to 120 A (AC)
- Three phase voltage generation up to 500 V
- Easy user-guidance via touch screen
- Interfaces: Bluetooth, USB or RS232

Ord.No. **100636600**

## Adjustment and Calibration / Device



### Readjustment of MT551

*Note:* With initial purchase of an instrument the adjustment is included. This article only applies to a readjustment.

Ord.No. **100033893**



### Factory calibration of a new instrument MT551 according to ZERA standard, 50 Hz

*Note:* This article only applies to a purchase of a new instrument MT551.

- Including factory calibration certificate

Ord.No. **100519776**

#### *Measuring points voltage measurement 50 Hz*

$U_R = 60 \text{ V: } 3 \times 40 \text{ V; } 3 \times 72 \text{ V}$   
 $U_R = 125 \text{ V: } 3 \times 72,1 \text{ V; } 3 \times 150 \text{ V}$   
 $U_R = 250 \text{ V: } 3 \times 150,1 \text{ V; } 3 \times 300 \text{ V}$   
 $U_R = 420 \text{ V: } 3 \times 300,1 \text{ V; } 3 \times 500 \text{ V}$

#### *Measuring points current measurement 50 Hz*

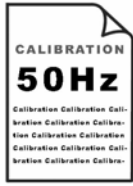
$I_R = 0,02 \text{ A: } 3 \times 0,004 \text{ A; } 3 \times 0,024 \text{ A}$   
 $I_R = 0,05 \text{ A: } 3 \times 0,025 \text{ A; } 3 \times 0,06 \text{ A}$   
 $I_R = 0,1 \text{ A: } 3 \times 0,061 \text{ A; } 3 \times 0,12 \text{ A}$   
 $I_R = 0,2 \text{ A: } 3 \times 0,121 \text{ A; } 3 \times 0,24 \text{ A}$   
 $I_R = 0,5 \text{ A: } 3 \times 0,241 \text{ A; } 3 \times 0,6 \text{ A}$   
 $I_R = 1 \text{ A: } 3 \times 0,601 \text{ A; } 3 \times 1,2 \text{ A}$   
 $I_R = 2 \text{ A: } 3 \times 1,21 \text{ A; } 3 \times 2,4 \text{ A}$   
 $I_R = 5 \text{ A: } 3 \times 2,41 \text{ A; } 3 \times 6 \text{ A}$   
 $I_R = 10 \text{ A: } 3 \times 6,01 \text{ A; } 3 \times 12 \text{ A}$   
 $I_R = 20 \text{ A: } 3 \times 12,1 \text{ A; } 3 \times 24 \text{ A}$   
 $I_R = 50 \text{ A: } 3 \times 24,1 \text{ A; } 3 \times 60 \text{ A}$   
 $I_R = 100 \text{ A: } 3 \times 60,1 \text{ A; } 3 \times 120 \text{ A}$

#### *Measuring points with load at 45 Hz and 65 Hz*

Voltage:  $3 \times 500 \text{ V} / 0,06 \text{ A} / 30 \text{ VA}$   
 Current:  $3 \times 120 \text{ A} / 0,5 \text{ V} / 60 \text{ VA}$

#### *Measuring points phase-angle and distortion factor 50 Hz*

Voltage:  $3 \times 500 \text{ V} / 0,06 \text{ A} / 30 \text{ VA}$   
 Current:  $3 \times 120 \text{ A} / 0,5 \text{ V} / 60 \text{ VA}$



### Factory re-calibration of MT551 according to ZERA standard, 50 Hz

*Note:* With initial purchase of an instrument the factory calibration is included. This article only applies to a re-calibration.

- Including factory calibration certificate

Ord.No. **100519778**

#### *Measuring points voltage measurement 50 Hz*

$U_R = 60 \text{ V}$ : 3 x 40 V; 3 x 72 V

$U_R = 125 \text{ V}$ : 3 x 72,1 V; 3 x 150 V

$U_R = 250 \text{ V}$ : 3 x 150,1 V; 3 x 300 V

$U_R = 420 \text{ V}$ : 3 x 300,1 V; 3 x 500 V

#### *Measuring points current measurement 50 Hz*

$I_R = 0,02 \text{ A}$ : 3 x 0,004 A; 3 x 0,024 A

$I_R = 0,05 \text{ A}$ : 3 x 0,025 A; 3 x 0,06 A

$I_R = 0,1 \text{ A}$ : 3 x 0,061 A; 3 x 0,12 A

$I_R = 0,2 \text{ A}$ : 3 x 0,121 A; 3 x 0,24 A

$I_R = 0,5 \text{ A}$ : 3 x 0,241 A; 3 x 0,6 A

$I_R = 1 \text{ A}$ : 3 x 0,601 A; 3 x 1,2 A

$I_R = 2 \text{ A}$ : 3 x 1,21 A; 3 x 2,4 A

$I_R = 5 \text{ A}$ : 3 x 2,41 A; 3 x 6 A

$I_R = 10 \text{ A}$ : 3 x 6,01 A; 3 x 12 A

$I_R = 20 \text{ A}$ : 3 x 12,1 A; 3 x 24 A

$I_R = 50 \text{ A}$ : 3 x 24,1 A; 3 x 60 A

$I_R = 100 \text{ A}$ : 3 x 60,1 A; 3 x 120 A

#### *Measuring points with load at 45 Hz and 65 Hz*

Voltage: 3 x 500 V / 0,06 A / 30 VA

Current: 3 x 120 A / 0,5 V / 60 VA

#### *Measuring points phase-angle and distortion factor 50 Hz*

Voltage: 3 x 500 V / 0,06 A / 30 VA

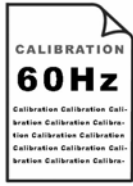
Current: 3 x 120 A / 0,5 V / 60 VA



### DKD calibration of MT551, 50 Hz

- Including DKD calibration certificate (example available on request)

Ord.No. **100519660**



**Factory calibration of a new instrument MT551 according to ZERA standard, 60 Hz**

*Note:* This article only applies to a purchase of a new instrument MT551.

- Including factory calibration certificate

Ord.No. **100519777**

*Measuring points voltage measurement 60 Hz*

$U_R = 60 \text{ V}$ : 3 x 40 V; 3 x 72 V

$U_R = 125 \text{ V}$ : 3 x 72,1 V; 3 x 150 V

$U_R = 250 \text{ V}$ : 3 x 150,1 V; 3 x 300 V

$U_R = 420 \text{ V}$ : 3 x 300,1 V; 3 x 500 V

*Measuring points current measurement 60 Hz*

$I_R = 0,02 \text{ A}$ : 3 x 0,004 A; 3 x 0,024 A

$I_R = 0,05 \text{ A}$ : 3 x 0,025 A; 3 x 0,06 A

$I_R = 0,1 \text{ A}$ : 3 x 0,061 A; 3 x 0,12 A

$I_R = 0,2 \text{ A}$ : 3 x 0,121 A; 3 x 0,24 A

$I_R = 0,5 \text{ A}$ : 3 x 0,241 A; 3 x 0,6 A

$I_R = 1 \text{ A}$ : 3 x 0,601 A; 3 x 1,2 A

$I_R = 2 \text{ A}$ : 3 x 1,21 A; 3 x 2,4 A

$I_R = 5 \text{ A}$ : 3 x 2,41 A; 3 x 6 A

$I_R = 10 \text{ A}$ : 3 x 6,01 A; 3 x 12 A

$I_R = 20 \text{ A}$ : 3 x 12,1 A; 3 x 24 A

$I_R = 50 \text{ A}$ : 3 x 24,1 A; 3 x 60 A

$I_R = 100 \text{ A}$ : 3 x 60,1 A; 3 x 120 A

*Measuring points with load at 45 Hz and 65 Hz*

Voltage: 3 x 500 V / 0,06 A / 30 VA

Current: 3 x 120 A / 0,5 V / 60 VA

*Measuring points phase-angle and distortion factor 60 Hz*

Voltage: 3 x 500 V / 0,06 A / 30 VA

Current: 3 x 120 A / 0,5 V / 60 VA



### Factory re-calibration of MT551 according to ZERA standard, 60 Hz

*Note:* With initial purchase of an instrument the factory calibration is included. This article only applies to a re-calibration.

- Including factory calibration certificate

Ord.No. **100519779**

#### *Measuring points voltage measurement 60 Hz*

$U_R = 60 \text{ V}$ : 3 x 40 V; 3 x 72 V

$U_R = 125 \text{ V}$ : 3 x 72,1 V; 3 x 150 V

$U_R = 250 \text{ V}$ : 3 x 150,1 V; 3 x 300 V

$U_R = 420 \text{ V}$ : 3 x 300,1 V; 3 x 500 V

#### *Measuring points current measurement 60 Hz*

$I_R = 0,02 \text{ A}$ : 3 x 0,004 A; 3 x 0,024 A

$I_R = 0,05 \text{ A}$ : 3 x 0,025 A; 3 x 0,06 A

$I_R = 0,1 \text{ A}$ : 3 x 0,061 A; 3 x 0,12 A

$I_R = 0,2 \text{ A}$ : 3 x 0,121 A; 3 x 0,24 A

$I_R = 0,5 \text{ A}$ : 3 x 0,241 A; 3 x 0,6 A

$I_R = 1 \text{ A}$ : 3 x 0,601 A; 3 x 1,2 A

$I_R = 2 \text{ A}$ : 3 x 1,21 A; 3 x 2,4 A

$I_R = 5 \text{ A}$ : 3 x 2,41 A; 3 x 6 A

$I_R = 10 \text{ A}$ : 3 x 6,01 A; 3 x 12 A

$I_R = 20 \text{ A}$ : 3 x 12,1 A; 3 x 24 A

$I_R = 50 \text{ A}$ : 3 x 24,1 A; 3 x 60 A

$I_R = 100 \text{ A}$ : 3 x 60,1 A; 3 x 120 A

#### *Measuring points with load at 45 Hz and 65 Hz*

Voltage: 3 x 500 V / 0,06 A / 30 VA

Current: 3 x 120 A / 0,5 V / 60 VA

#### *Measuring points phase-angle and distortion factor 60 Hz*

Voltage: 3 x 500 V / 0,06 A / 30 VA

Current: 3 x 120 A / 0,5 V / 60 VA



### DKD calibration of MT551, 60 Hz

- Including DKD calibration certificate (example available on request)

Ord.No. **100519661**

## Power Cords



### Power cord "Class I grounded plug type E/F to IEC 60320 C13", 2.5 m

For supply via power socket.

- 1x class I grounded plug type E/F (CEE 7/7), angled
- 1x socket IEC 60320 C13

Ord.No. **M00481006**



**Power cord “Plug type B to IEC 60320 C13“, 2.5 m**

For supply via power socket.

- 1x plug type B
- 1x socket IEC 60320 C13

Ord.No. **X00006459**



**Power cord “Plug type I to IEC 60320 C13“, 2.5 m**

For supply via power socket.

- 1x plug type I (AS/NZS 3112, 3-pin)
- 1x socket IEC 60320 C13

Ord.No. **X00006460**



**Power cord “Plug type G (BS 1363) to IEC 60320 C13“, 2.5 m**

For supply via power socket.

- 1x Plug type G (BS 1363)
- 1x socket IEC 60320 C13

Ord.No. **X00009832**



**Power cord with protective earth “stackable safety plug to IEC 60320 C13“, 2,5 m**

For supply via test voltage.

- 3x stackable, spring-loaded 4 mm plugs with rigid insulating sleeve (1x black, 1x blue, 1x yellow/green)
- 1x socket IEC 60320 C13

Ord.No. **100067609**



**Power cord with protective earth “stackable safety plug to IEC 60320 C13“, 2,5 m**

For supply via test voltage.

- 3x stackable, spring-loaded 4 mm plugs with rigid insulating sleeve (1x brown, 1x blue, 1x yellow/green)
- 1x socket IEC 60320 C13

Ord.No. **100067610**



**Power cord with protective earth "stackable safety plug to IEC 60320 C13", 2,5 m**

For supply via test voltage.

- 3x stackable, spring-loaded 4 mm plugs with rigid insulating sleeve (1x red, 1x black, 1x yellow/green)
- 1x socket IEC 60320 C13

Ord.No. **100067611**

## Quick Connection Cable



**Quick connection cable for "current/rigid sleeve" for MT681, MT78x, 2.5 m, phase colours: red/yellow/blue**

To prevent connecting faults on the instrument's side.

- Instrument's side: 1x 6-pin connector with anti-twist safeguard.
- Mains side: 6x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 2x red, 2x yellow, 2x blue
- Cable cross-section: 2.5 qmm

Ord.No. **100013229**



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

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 red, 1x yellow, 1x blue, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. **100023454**



**Quick connection cable up to 24 A for "current/rigid sleeve" for MT681, MT78x, 2.5 m, phase colours: brown/black/red**

To prevent connecting faults on the instrument's side.

- Instrument's side: 1x 6-pin connector with anti-twist safeguard.
- Mains side: 6x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 2x brown, 2x black, 2x red
- Cable cross-section: 2.5 qmm

Ord.No. **100013226**



**Quick connection cable “voltage/rigid sleeve” for MT series, 2.5 m, phase colours: brown/black/red/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 brown, 1x black, 1x red, 1x blue
- Cable cross-section: 2.5 qmm

Ord.No. 100023410



**Quick connection cable for “current/rigid sleeve” for MT681, MT78x, 2.5 m, phase colours: yellow/green/violet**

To prevent connecting faults on the instrument’s side.

- Instrument’s side: 1x 6-pin connector with anti-twist safeguard.
- Mains side: 6x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 2x yellow, 2x green, 2x violet
- Cable cross-section: 2.5 qmm

Ord.No. 100013237



**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.

- 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. 100023418



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

For the connection of source and reference standard if they are used as separate devices. Cable length between the devices is 1.65 m.

- Reference standard's side :  
1x 4-pin connector with anti-twist safeguard.  
1x 4-pin connector (slim) without 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. 100023456



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

For the connection of source and reference standard if they are used as separate devices. Cable length between the devices is 1.65 m.

- Instrument’s side:
  - 1x 4-pin connector with anti-twist safeguard.
  - 1x 4-pin connector (slim) without anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x yellow, 1x green, 1x violett, 1x black
- Cable cross-section: 2.5 qmm

Ord.No. 100023462



**Quick connection cable “voltage/rigid sleeve” for source-instrument, MT series, 2.5 m, phase colours: black/brown/red/blue**

When using source and instrument. Two connectors on the instrument’s side to connect source and instrument.

- Instrument’s side:
  - 1x 4-pin connector with anti-twist safeguard.
  - 1x 4-pin connector (slim) without anti-twist safeguard.
- Mains side: 4x stackable, spring-loaded 4 mm plug with rigid insulating sleeve - 1x black, 1x brown, 1x red, 1x blue
- Cable cross-section: 2.5 qmm

Ord.No. 100023478

## Current and Voltage Cables



**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**



**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. **100739800****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****Current cable up to 120 A, socket / pin, 2 m**

- 1x 6 mm socket
- 1x 5.8 mm pin
- Lead cross section: 35 qmm
- Phase colours: Please specify the colour code when ordering.  
The cables will get a corresponding **coloured marking**.  
**21=black, 22=red, 23=blue, 24= yellow, 25=green, 26=violet, 27=brown, 28=grey, 29=white**

Ord.No. **1007982xx****Current cable up to 120 A, socket / pin, 2 m**

- 1x 6 mm socket
- 1x 4.2 mm pin
- Lead cross section: 35 qmm
- Phase colours: Please specify the colour code when ordering.  
The cables will get a corresponding **coloured marking**.  
**21=black, 22=red, 23=blue, 24= yellow, 25=green, 26=violet, 27=brown, 28=grey, 29=white**

Ord.No. **1008474xx****Current cable up to 120 A, boothside socket, 2.0 m, for connection between source and reference meter.**

- 2x 6 mm socket
- Lead cross section: 35 qmm
- Phase colours: Please specify the colour code when ordering. The cables will get a corresponding coloured marking.  
**21=black, 22=red, 23=blue, 24= yellow, 25=green, 26=violet, 27=brown, 28=grey, 29=white**

Ord.No. **1008891xx**



**Current cable up to 120 A, boothside socket, 1.0 m, for connection between source and reference meter.**

- 2x 6 mm socket
- Lead cross section: 35 qmm
- Phase colours: Please specify the colour code when ordering. The cables will get a corresponding coloured marking.  
**21=black, 22=red, 23=blue, 24= yellow, 25=green, 26=violet, 27=brown, 28=grey, 29=white**

Ord.No. **1008472xx**



**Current cable up to 120 A, socket/cable lug, 2 m**

- 1x 6 mm socket
- 1x 8.5 mm cable lug, open
- Lead cross section: 35 qmm
- Phase colours: Please specify the colour code when ordering.  
 The cables will get a corresponding **coloured marking**.  
**21=black, 22=red, 23=blue, 24= yellow, 25=green, 26=violet, 27=brown, 28=grey, 29=white**

Ord.No. **1007981xx**



**Connection adapter for current up to 120 A, "flat conductor/socket, with voltage connection", 320 mm**

- Mains side 1x flat metal conductor (H 2 mm x W 4 mm x L 25 mm), instrument's side 1x 6 mm safety socket for current cable and 1x 4 mm safety socket for voltage cable  
 To connect this adapter to an instrument an additional current cable (2x 6 mm socket) and voltage cable (2x 4 mm plugs) is required.

Ord.No. **100424410**



**Connection adapter for current up to 120 A, "connection pin/socket, with voltage connection", 150 mm**

- Mains side 1x 5,8 mm connector pin, instrument's side 1x 6 mm safety socket for current cable and 1x 4 mm safety socket for voltage cable  
 To connect this adapter to an instrument an additional current cable (2x 6 mm socket) and voltage cable (2x 4 mm plugs) is required.

Ord.No. **100424401**

**Current cable up to 120 A, boothside socket, 2.0 m**

- 2x 6 mm socket
- Lead cross section: 35 qmm
- Phase colours: Please specify the colour code when ordering. The cables will get a corresponding coloured marking.  
**21=black, 22=red, 23=blue, 24= yellow, 25=grün, 26=violet, 27=brown, 28=grey, 29=white**

Ord.No. **1007980xx****Software****CD-ROM with software SSM3000 / MTVis / WM303 / MCS**

The software runs under Windows XP. The documentation in on CD (PDF or Online-Help).

- SSM3000: To control the instrument.
- MTVis: To readout and display data saved in the instrument.
- WM303: To control WM303-I and WM303-U.
- Demo Meter Check Simulation (MCS): For simulation of circuit errors.

Ord.No. **100090705****Documentation****Operation manual for MT551, German**Ord.No. **100644470****Operation manual for MT551, English**Ord.No. **100644471**

## Small Parts and Accessories Bag for Small Parts



### Accessories bag with connection adapters

01	Accessories bag	100214400
03	Spring clip	Z09508700
04	4 mm plug adapter (banana plug)	X00004962
10	Adapter for terminal blocks	X00004961
10	Connecting terminals for current	X00011923
03	4 mm test clips (crocodile clips), slim	X00009329
03	4 mm test clips (crocodile clips), wide	X00010059
10	Fuse, 5 A, 5 mm x 20 mm, semi time-lag	M00460136

Ord.No. **100023735**

### Fuse, 5 A, 5 mm x 20 mm, semi time-lag



Ord.No. **M00460136**

### 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**



### Connecting terminals for current

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. **X00004961****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****Spring clip**

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

Ord.No. **Z09508700****Accessories bag without content**

DIN A6, material: polypropylene

Ord.No. **100214400****Transport****Movable Transportation case (Trolley-PS)**

The robust and movable Trolley-PS with wheels serves for easy and safety transportation.

- Dimensions: H 622 mm x W 492 mm x D 353 mm

Ord.No. **100023902**

## Additional Accessories for The Device



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

Cross wired connection cable.

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

Ord.No. **X00010844**



### Coaxial cable with BNC plug, 2 m

Connects the frequency output of an MT3xx with the frequency input of the MT400/500. Is required to execute a dosage.

- 2x BNC plug

Ord.No. **Z09548320**



### USB2.0 connection cable, 1.5 m, A to B

Ord.No. **X00011922**



### Adapter "USB to RS232"

For use with an external PC/notebook.  
Can be used with Windows.

Ord.No. **100286701**



### Compact-Flash card reader

For connecting to the PC and reading the Compact-Flash card.

Ord.No. **100748000**



**Compact-Flash Card, 32 MB**

To store customer data and measuring values. Provides easy data transfer from the instrument to the PC.

Ord.No. **Z10310412**

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## 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)

Deutsche Bank Bonn  
bank code: 380 700 59  
account: 005 705 150 0  
IBAN: DE16 3807 0059 0057 0515 00  
SWIFT: DEUTDEDK380

Commerzbank Bonn  
bank code: 380 400 07  
account: 113 313 100  
IBAN: DE29 3804 0007 0113 3131 00  
SWIFT: COBADEFF380

Kreissparkasse Köln  
bank code: 370 502 99  
account: 001 078 492  
IBAN: DE15 3705 0299 0001 07  
SWIFT: COKSDE33

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

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