

Product catalogue

RMM 3000/3001



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1 Basic system RMM3000/3001

1.1 Three-phase Reference Multi meter RMM3000

	<p>Three phase Reference Multi Meter RMM3000</p> <p>Order code 100023000</p> <p>Reference-Multimeter RMM3000 (desk-top unit) Z10080800</p> <p>Current range 2mA...160A, Accuracy < 0,02%</p> <p><u>Standard accessories:</u></p> <table border="0"> <tr> <td>1 Coaxial-cable BNC-BNC</td> <td style="text-align: right;">Z09548330</td> </tr> <tr> <td>1 Adaptor UHF-BNC</td> <td style="text-align: right;">M00466008</td> </tr> <tr> <td>1 RS232 - cable</td> <td style="text-align: right;">X00010844</td> </tr> <tr> <td>1 Set of spare fuses (10pcs.)</td> <td style="text-align: right;">M00460185</td> </tr> <tr> <td>1 PC-Software SSM 3000 + MTVis</td> <td style="text-align: right;">100090702</td> </tr> <tr> <td>1 Mains cable, Type "F"</td> <td style="text-align: right;">M00460004</td> </tr> <tr> <td>1 Operating manual (English)</td> <td></td> </tr> <tr> <td>1 Factory calibration report</td> <td></td> </tr> </table> <p>Further information can you find in the brochure: „Reference Multimeter RMM3000/3001“</p>	1 Coaxial-cable BNC-BNC	Z09548330	1 Adaptor UHF-BNC	M00466008	1 RS232 - cable	X00010844	1 Set of spare fuses (10pcs.)	M00460185	1 PC-Software SSM 3000 + MTVis	100090702	1 Mains cable, Type "F"	M00460004	1 Operating manual (English)		1 Factory calibration report	
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1.2 Three-phase Reference Multi meter RMM3001

	<p>Three phase Reference Multi Meter RMM3001</p> <p>Order code Z10101100</p> <p>Reference-Multimeter RMM3001 (desk-top unit) Z10101100</p> <p>Current range 2mA...16A, Accuracy < 0,02%</p> <p><u>Standard accessories:</u></p> <table border="0"> <tr> <td>1 Coaxial-cable BNC-BNC</td> <td style="text-align: right;">Z09548330</td> </tr> <tr> <td>1 Adaptor UHF-BNC</td> <td style="text-align: right;">M00466008</td> </tr> <tr> <td>1 RS232 - cable</td> <td style="text-align: right;">X00010844</td> </tr> <tr> <td>1 Set of spare fuses (10pcs.)</td> <td style="text-align: right;">M00460185</td> </tr> <tr> <td>1 PC-Software SSM 3000 + MTVis</td> <td style="text-align: right;">100090702</td> </tr> <tr> <td>1 Mains cable, Type "F"</td> <td style="text-align: right;">M00460004</td> </tr> <tr> <td>1 Operating manual (English)</td> <td></td> </tr> <tr> <td>1 Factory calibration report</td> <td></td> </tr> </table> <p>Further information can you find in the brochure: „Reference Multimeter RMM3000/3001“</p>	1 Coaxial-cable BNC-BNC	Z09548330	1 Adaptor UHF-BNC	M00466008	1 RS232 - cable	X00010844	1 Set of spare fuses (10pcs.)	M00460185	1 PC-Software SSM 3000 + MTVis	100090702	1 Mains cable, Type "F"	M00460004	1 Operating manual (English)		1 Factory calibration report	
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2 Cable sets

2.1 Cable set for RMM3000

Cable set for RMM3000
Order code [X00005593](#)

Consist of:

Current cable set
 2 Cables 35mm², 2 m lg. with cable lug, red
 2 Cables 35mm², 2 m lg. with cable lug, yellow
 2 Cables 35mm², 2 m lg. with cable lug, blue

Voltage cables set with 4mm safety plug
 1 Cable 2,5mm², 2 m lg.,red
 1 Cable 2,5mm², 2 m lg.,yellow
 1 Cable 2,5mm², 2 m lg.,blue
 1 Cable 2,5mm², 2 m lg.,black

2.2 Cable set for RMM3001

Cable set for RMM3001
Order code [X00005594](#)


Consist of:

Current cable set
 2 Cables 4mm², 2 m lg. with cable lug, red
 2 Cables 4mm², 2 m lg. with cable lug, yellow
 2 Cables 4mm², 2 m lg. with cable lug, blue

Voltage cables set with 4mm safety plug
 1 Cable 2,5mm², 2 m lg.,red
 1 Cable 2,5mm², 2 m lg.,yellow
 1 Cable 2,5mm², 2 m lg.,blue
 1 Cable 2,5mm², 2 m lg.,black

3 Software

3.1 SSM3000 control software

	<p>SSM3000 control software <i>Order code 100004400</i></p> <p>Windows control software SSM3000 V3.18 The SSM3000 software package is Windows based application for external control of the ZERA test units.</p>
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4 Transport case

4.1 Transportation case for RMM3000/3001


	<p>Aluminium case <i>Order code X00010007</i></p> <p>Dimensions <i>HxWxD 540x220x540mm</i></p> <p>for secure transportation of the measuring instrument</p>
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5 Scanning head units

5.1 Photo electric scanning head unit TK326


	<p>Photo electric scanning head unit TK326 Order code 100102201</p> <p>for detection of rotor-disc signals on Ferraris meters and flashing LED signals on static meters. 100313300</p> <p>Including holding arrangement 100319600 Including connection spiral cable (length 6m) Z10353027</p>
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5.2 Photo electric scanning head unit TK118-5

	<p>Photo electric scanning head unit TK118-5 Order code 100101400</p> <p>LED-Scanning head TK118-05 the TK118 is designed to pick up the energy proportional impulses of the light-emitting diode on solid-state meters. A permanent magnet belongs to the TK118, thus enabling the TK118 to be magnetically attached to the meter under test. A sucker enabling the TK118 also to be attached in the correct position in front of the light-emitting diode. The TK118 scanning head can be used on the most electronic meter test devices.</p> <p><u>Dimensions</u></p> <table> <tr> <td>Diameter</td> <td>φ33mm</td> </tr> <tr> <td>Height</td> <td>28mm; incl. sucker and permanent ring-magnet</td> </tr> <tr> <td>Spiral cable</td> <td>with a length of up to 6m</td> </tr> </table>	Diameter	φ33mm	Height	28mm; incl. sucker and permanent ring-magnet	Spiral cable	with a length of up to 6m
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Spiral cable	with a length of up to 6m						

6 Calibration

6.1 DKD-Calibration certificate for RMM3000/3001

 <p>The image shows a DKD calibration certificate from the Physikalisch-Technische Bundesanstalt (PTB). The certificate is issued to Zera GmbH, located at Hauptstraße 352, 53659 Königswinter. It certifies the calibration of electrical measuring instruments according to DIN EN 43001. The scope of calibration includes DC voltage, AC voltage, AC current, AC power, AC energy, AC resistance, AC inductance, AC capacitance, and AC impedance. The certificate is valid until 2020-01-27 and has a DAR registration number of DKD-K-23001. It is signed by Dr. sc. Prof. Dr. H. Krumm and Dr. sc. Prof. Dr. H. Behmer, both members of the PTB.</p>	<p>DKD Calibration certificate Order code 100006805</p>
	<p>System calibration according to IEC 17025. Traceable to PTB standards.</p>