

ACCURATE,  
HIGH  
PERFORMANCE,  
RELIABLE,  
**clamp-on meters,**  
**for your daily needs.**



With the MW 3105, you can measure signals up to 1000 A<sub>AC/DC</sub>, whatever the waveform is.

**True RMS**

### Capabilities

- Resolution 4000 counts
- True RMS
- 1000 AAC/DC
- 750 VAC; 1000 VDC
- Max. jaw opening : 57 mm
- Continuity test
- Autoranging
- Min./Max, Rel, Peak, Hold
- IEC 1010, Cat. III, 600 V

## MW 3105

### TECHNICAL SPECIFICATION

• <b>True RMS</b>		yes
• <b>IDC</b>	Range	400A, 1000 A
	Basic accuracy	± (1.5 % + 5d)
	Resolution	100 mA
• <b>IAC</b>	Range	400A, 1000 A
	Basic accuracy	± (1.5 % + 5d)
	Resolution	100 mA
• <b>VDC</b>	Range	0.4- 4- 40- 400 - 1000 V
	Basic accuracy	± (0.5 % + 1d)
	Resolution	100 µV
• <b>VAC</b>	Range	0.4- 4- 40- 400 - 750 V
	Basic accuracy	± (1.5 % + 4d)
	Resolution	100 µV
• <b>Resistance</b>	Range	400 to 40 M (6 ranges)
	Basic accuracy	± (1 % + 2d)
	Resolution	0,1
	Protection	500 V <sub>RMS</sub>
• <b>Frequency</b>	Range	100 Hz to 400 kHz (5 ranges)
	Basic accuracy	± (0.1 % + 4d)
	Resolution	0.01 Hz
	Protection	500 V <sub>RMS</sub>
• <b>Capacitance</b>	Range	4 nF to 400 µF (6 ranges)
	Basic accuracy	± (1.5 % + 4d)
• <b>Continuity test</b>		yes
• <b>Max. jaw opening</b>		57 mm
Display		4000 c.- Bargraph : 42 seg.
Specific functions		MAX/MIN/REL/PEAK/ HOLD
Power supply/ Battery life		1 x 9 V (6F22) / 100 h.
Auto Power-Off		30 min.
Safety IEC 1010		Cat. III, 600 V
Dimensions & Weight		102 x 277 x 49 mm; 540 g
Warranty		3 years

With the 57 mm jaw opening, the MW 3100 clamp meter is the ideal tool for measurements up to 1000 A<sub>AC</sub>



### Capabilities

- Resolution 3200 counts
- 1000 AAC
- 750 VAC; 1000 VDC
- Max. jaw opening : 57 mm
- Continuity test
- Autoranging
- Hold and Peak functions
- IEC 1010, Cat.III, 600 V

## MW 3100

### TECHNICAL SPECIFICATION

• <b>IAC</b>	Range	32A, 320 A, 1000 A
	Basic accuracy	± (1.5 % + 1d)
	Resolution	10 mA
• <b>VDC</b>	Range	0.32- 3.2- 32- 320 - 1000 V
	Basic accuracy	± (0.5 % + 1d)
	Resolution	100 µV
• <b>VAC</b>	Range	3.2- 32- 320 - 750 V
	Basic accuracy	± (1.5 % + 4d)
	Resolution	1 mV
• <b>Resistance</b>	Range	320 to 30 M (6 ranges)
	Basic accuracy	± (1 % + 3d)
	Resolution	0.1
	Protection	500 VRMS
• <b>Frequency</b>	Range	320 Hz, 3.2 kHz, 32 kHz
	Basic accuracy	± (1 % + 4d)
	Resolution	0.1 Hz
	Protection	500 VRMS
• <b>Continuity test</b>		yes
• <b>Max. jaw opening</b>		57 mm
Display		3200 c. - Bargraph (34 seq.)
Specific functions		Hold, Peak
Power supply/ Battery life		1 x 9 V (6F22) / 200 h
Auto Power-Off		10 min
Safety IEC 1010		Cat. III, 600 V
Dimensions & Weight		102 x 277 x 49 mm; 540 g
Warranty		3 years

Small jaws for difficult tests conditions, up to 300 A<sub>AC/DC</sub>



### Capabilities

- Resolution 4000 counts
- 300 A<sub>AC/DC</sub>
- 600 V<sub>AC/DC</sub>
- Max. jaw opening : 25 mm
- Continuity test
- Autoranging
- Auto-zero function
- Hold and Max. functions
- IEC 1010, Cat. II, 600V

**MW 3030**

### TECHNICAL SPECIFICATION

• <b>IDC</b>	Range	40A, 300 A
	Basic accuracy	± (1 % + 2d)
	Resolution	10 mA
• <b>IAC</b>	Range	40A, 300 A
	Basic accuracy	± (1 % + 3d)
	Resolution	10 mA
• <b>VDC</b>	Range	0.4- 4- 40- 400 - 600 V
	Basic accuracy	± (0.5 % + 2d)
	Resolution	0.1 mV
• <b>VAC</b>	Range	0.4- 4- 40- 400 - 600 V
	Basic accuracy	± (1.5 % + 5d)
	Resolution	1 mV
• <b>Resistance</b>	Range	400 to 40 M (6 ranges)
	Basic accuracy	± (0.9 % + 3d)
	Resolution	0.1
	Protection	600 V <sub>RMS</sub>
• <b>Continuity test</b>		yes
• <b>Max. jaw opening</b>		25 mm
Display		4000 counts
Specific functions		Hold, Max.
Power supply/ Battery life		2 x 1.5 V (LR03)/ 50 h.
Auto Power-Off		30 min.
Safety IEC 1010		Cat. II, 600 V
Dimensions & Weight		66 x 192 x 27 mm; 205 g
Warranty		3 years

The MW 3040 and MW 3045 meet your technical needs and your budget.

### Capabilities

- Resolution 4000 counts
- MW 3045 : True RMS
- 400 AAC
- 600 VAC
- Max. jaw opening : 30 mm
- Continuity test
- Autoranging
- Hold function
- IEC 1010; Cat. II, 600V



**MW 3045**

**True RMS**



**MW 3040**

## MW 3040

## MW 3045

• True RMS		-	yes
• IAC	Range	400 A	400 ARMS
	Basic accuracy	± (1.9 % + 5d)	
	Resolution	100 mA	
• VAC	Range	400 V - 600 V	
	Basic accuracy	± (1.2 % + 5d)	
	Resolution	100 mV	
• Resistance	Range	4 k , 40 k	
	Basic accuracy	± (2 % + 9d)	
	Resolution	1	
	Protection	600 VRMS	
• Continuity test			yes
• Max. jaw opening			30 mm
Display			4000 counts
Specific function			HOLD
Power supply/ Battery life		1 x 9 V (6F22)/	300 h.
Auto Power-Off			-
Safety IEC 1010			Cat. II, 600 V
Dimensions & Weight		77 x 194 x 36 mm;	250 g
Warranty			3 years

## Supplied with

All clamp-on meters are supplied with a test lead set, a carrying case, batteries and a user's manual.

## Optional Accessories

- SA 100 - Test lead set with straight fixed safety ban. plug
- SA 101 - Test lead set with right angle fixed safety banana plug (4 mm)
- SA 105 - Patchcord set (straight fixed safety banana plugs)
- SA 106 - Patchcord set (straight fixed/ right angle safety banana plugs)
- SA 110 - Alligator clip set (4 mm)
- SA 115 - Safety test tip set (4 mm)
- SA 120 - Maxigrabber set (4 mm)
- SEFRAM 7305- Thermocouple module (exclusively for MW 3030, MW 3100 and MW 3105)

To discover the complete range of accessories, contact us and ask for the ELDITEST catalog.

Specifications subject to change without notice - FT303000A/98

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## For assistance and ordering

