

EPOS 300 | 340

Three-phase electronic power sources for use in laboratories, manufacturing and service departments



EPOS 300 and EPOS 340 signal sources are the ideal solution for all test and measurement applications.

- Suitable for use as freely programmable three-phase function generators
- Intelligent amplifier technology and synthetic signal generation allow creation of any waveform
- Output of records, e.g. from fault recorder systems, as transient signals
- Designed for stand-alone use and for operation with a PC

Voltage outputs	
EPOS 300	3 x 0...300 VAC / 75 VA
EPOS 340	4 x 0...300 VAC / 75 VA
Current outputs	
EPOS 300	3 x 0...120 AAC / 80 VA
EPOS 340	3 x 0...16 AAC / 40 VA
Frequency range	DC... 3 kHz
DC output	12...260 VDC / 50 W

METES C

Stationary meter test systems for customisation to individual requirements



METES C meter test systems are fully automatic, multiple-meter test benches capable of testing and calibrating all types of electricity meters.

Thanks to their modular construction, METES C systems can be configured to provide the best possible solution in any situation.

For further information please click:

www.kocos.com

KoCoS Messtechnik AG

Suedring 42
D-34497 Korbach, Germany
Phone +49 5631 9596-40
Fax +49 5631 9596-17
info@kocos.com
www.kocos.com



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METER TEST SYSTEMS ■ METES

Powerful Solutions for Meter Testing



METES Meter Test Systems

The latest generation of electricity meters offer great improvements in accuracy and functionality compared with their predecessors of just a few years ago.

The meter test systems of the METES range perform tests quickly, efficiently and extremely accurately, fulfilling tomorrow's test requirements today.

The advantages and the functionality of these innovative meter test systems from KoCoS speak for themselves. Turn the page for a closer look.

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METES 340 REF

Three-phase high-precision meter test system for exacting requirements



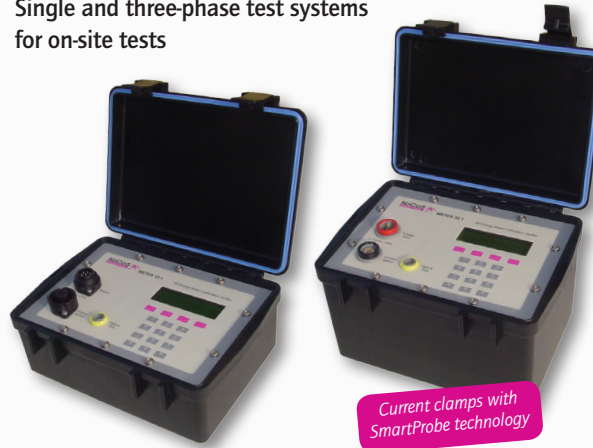
METES 340 REF provides high accuracy and a wide measuring range for precise measurements in single and three-phase applications.

- Up to 6 meters can be tested simultaneously
- Fully automatic tests are possible in conjunction with the EPOS 300/340 power source
- Accuracy, dial, no-load and starting test functions
- Power system analysis functions including harmonics and waveform display
- Programming interface for integration in customer-specific applications
- Certified by the PTB (German National Metrology Institute)

Accuracy classes	0.05 % and 0.02 %
Voltage inputs	3 x 480 VAC
Current inputs, direct	3 x 12 AAC and 120 AAC
Current clamps	3 x bis 1200 AAC
Impulse inputs	6

METES 12 | 32

Single and three-phase test systems for on-site tests



METES 12 and 32 are lightweight, compact reference meters which are extremely easy to use.

- For tests in two-wire, three-wire and four-wire systems
- Accuracy tests with the meter constant and impulse value
- Clear display of all major electrical quantities
- Electricity is supplied to the device via the measurement circuit; no additional auxiliary voltage is required
- Measurement data saved by the device can be transferred to a PC and presented in a test report

Accuracy classes	0.2 %
Voltage inputs	3 x 250 VAC
Current clamps	3 x 100 AAC
Impulse inputs	1

METES 320

Three-phase meter test system with power quality measurement



METES 320 features a range of different measuring modes for the comprehensive analysis of metering installations.

- Vector diagrams provide information on the magnitude of voltages, currents, phase angles and power values
- A waveform display provides information on the quality and the characteristics of voltages and currents
- Calculation of the working load of current and voltage transformers
- Voltage drop measurement in the secondary circuit and calculation of the resulting measuring error

Accuracy classes	0.2 %
Voltage inputs	3 x 260 VAC
Current inputs, direct	3 x 5 AAC
Current clamps	3 x bis 3000 AAC
Impulse inputs	1