CHAUVIN ARNOUX

Training case

Power and Harmonics

Simulate a network and a three-phase load with no risk at all!

Variable currents and voltages

Variable harmonic distortion

Variable phase angle



A complete, sturdy and easy-to-carry suitcase.

- Simulable networks: single-phase or three-phase (230 V AC power supply)
- Simulable measurements: U, I, W, Wh, var, ϕ, THD, etc.
- Plugs directly into a 2-pin + ground outlet

CE

Measure up

AN IRREPLACEABLE EDUCATIONAL TOOL

To learn how to perform various energy and pollution analysis tests on electrical systems, the ideal approach would be to conduct hands-on experiments directly on actual electrical installations.

However, access to an electrical distribution panel (for example) does not allow for the measurement of all the parameters commonly encountered in the electrical system.

Simulation is a particularly effective and safe way to gain a practical understanding of the effects of variations in current, voltage, phase shift, and harmonic distortion—which every electrician must be able to control and correct.

It allows individuals to thoroughly prepare for routine operations in an industrial setting while eliminating electrical hazards.

This applies to student electricians and electrical technicians, tradespeople, installers, maintenance technicians, engineers, and others.

The "Power and Harmonics" training kit will also be extremely useful for those conducting demonstrations on the use of various measuring instruments.



- Power indicator light
- On/off switch for each phase
- Ø 4 mm safety sockets
- Input filter and slow-blow fuse protection
- 230 V, 50 Hz AC power supply (cord included)
- Class 1 device: IEC 61010 300 V CAT II.

Voltages	
Output voltage (V_1-N, V_2-N, V_3-N)	Secteur ± 15% (commutateur THD V_1 sur position MIN)
Output impedance	< 15 kΩ
Harmonic rate adjustment on phase 1 (V_1)	MIN Position: Mains level Position 1: Approximately 15% Position 2: Approximately 25%
Currents	
Currents	1, 2, 5, 10, and 20 A ± 10% (A_1 THD switch set to MIN)
Harmonic rate adjustment on phase 1 (A_1)	MIN position: grid rate Position 1: approximately 15% Position 2: approximately 25%
Phase Shift	
Phase shift between A_1 and V_1	0° or 60°/45°/30° capacitive ± 5° or 60°/45°/30° inductive ± 5°
General Specifications	
Dimensions	470 x 390 x 180 mm
Weight	11 kg

TO ORDER

Power and Harmonics Teaching Kit
Comes with a power cord **P01145903**

MEASURING INSTRUMENTS

To get the most out of your teaching kit, we recommend using it with the following examples of measuring instruments:

- **CA 8336:** Power Analyzer
- **CA 8345:** Power Analyzer
- **CA 8220:** Power Analyzer
- **F407:** Wattmeter calmp
- **PEL 113:** Power Logger

Please contact us for assistance in selecting current sensors: AmpFLEX (cover photo), MN clamps (photo above) ...

906 111 686 – Ed. 2 – 10/2026 – LB - Non-binding document - Specifications subject to confirmation prior to ordering.

INTERNATIONAL
Chauvin Arnoux
12-16, rue Sarah Bernhardt
92600 Asnières-sur-Seine
Tél : +33 1 44 85 44 38
export@chauvin-arnoux.fr
www.chauvin-arnoux.com

UNITED KINGDOM
Chauvin Arnoux LTD
Unit 1 Nelson Ct, Flagship Sq, Shaw Cross Business Pk
Dewsbury, West Yorkshire - WF12 7TH
Tel: +44 1924 460 494
info@chauvin-arnoux.co.uk
www.chauvin-arnoux.com

MIDDLE EAST
Chauvin Arnoux Middle East
PO Box 60-154
1241 2020 Beirut
Tél. : +961 1 890 425
camie@chauvin-arnoux.com
www.chauvin-arnoux.com

CHAUVIN ARNOUX GROUP