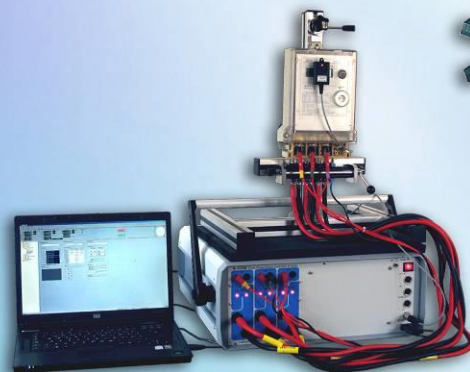
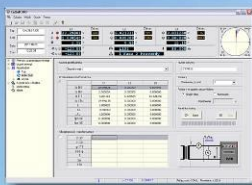
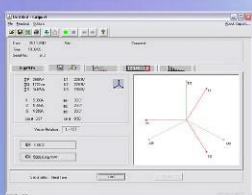
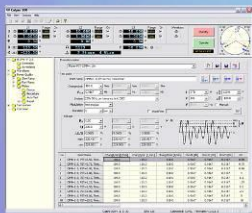
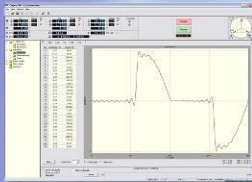


# calmet

## Measurement Equipment



# Calmet Ltd – about us

## Genesis of Calmet

Innovative-Developing Enterprise Calmet Ltd was founded in 1989 by designers from Lumel's Research & Development Centre. It was arisen from meeting the needs of designing, production, selling and servicing a new kind of calibrators and electric equipment testers. The name Calmet is derived from words **CAL**ibrators and **MET**rology – the main action's field of Calmet company.

## What we do and offer?

Traditionally we specialize in designing and manufacturing of the electrical power quantities sources – calibrators of voltages, currents and power. Since 1996 we have developed equipment for testing electricity meters and analysing power network parameters – meters testers, standard meters and network parameters meters connected with them. Since 2002 we have put stress for Power Quality Simulators (Calibrators), network quality recorders and analysers. Recently we are working on automation of electro-utility automatic protective equipment testing – relays and modern digital protection.

Our topic of export are: production and sales under our own name Calmet; projects development and realization for a special orders; equipment manufacturing and then sales under the brands of other companies.



### Headquarters of Calmet is in Zielona Gora, Poland

(it is about 180 km from Berlin, Germany) The closest airports are: Berlin Schonefeld or Tegel in Germany or Poznan in Poland (~150 km)



## Who need us?

For more than 20 years, we have manufactured several thousands of the measurement equipment for the power engineering and industries associated with it. Our equipment is used for testing of the: voltmeters, ammeters, clamp meters, frequency meters, phase meters, power network parameters meters, wattmeters, electricity meters, power quality analyzers, calibrators of voltage, current and power, reference meters and testers of electrical devices, protection relays, measurement transducers. All designed and manufactured by Calmet measurement devices fulfill requirement of the ISO 9001:2009 standard.

Our main Customers are: utilities; power plants; electrical heating plants; manufacturers of energy meters, another meters, protection, transducers; foundries; mines; refineries; shipyards; industrial laboratories and universities.

## What you can test (DUT's – Devices Under Test)



### Data address of Calmet:

Kukulcza 18 Street  
65-472 Zielona Gora  
Poland

Phone: +48 68 324 04 56  
Fax: +48 68 324 04 57  
E-mail: mail@calmet.com.pl  
Http://www.calmet.com.pl

### ISO 9001:2009 Certificate



**Power calibrators and power quality calibrators**

Whole Laboratory in one device!



**C300**

Three phase, class 0.05 or 0.02 power quality calibrator up to 120A AC (360A) and 560V AC with programmable power quality parameters. It makes possible to perform automatic test of electricity meters, measurement transducers, current transformers and protection relays.



**CP11**

Single phase, class 0.05 or 0.02 power quality calibrator up to 120A AC and 560V AC with programmable power quality parameters with large color touchscreen. It makes possible to perform automatic test of electricity meters, measurement transducers, current transformers and protection relays.

The simplest and the cheapest!



**C200**

Single phase source of voltage up to 420V and current up to 20A or 100A class 0.05 and set phase and frequency. It makes possible to check power analysers, current clamps up to 2000A. Used also as a phantom load for single phase electricity meters checking.

**Voltage, current and resistance calibrators**



**C101F**

Multifunction calibrator of AC and DC voltage and current up to 1100V and 20A or 100A, with high load possibility. It allows checking of economical multimeters and clamps meter.



**CR10**

Resistance calibrator is adapted for efficient checking of analog and digital insulation's resistance meters up to 10GΩ at voltages up to 2,5kV.

Testing without disconnection!



**CC11**

Inject Current!

The CC11 is single phase AC current source class 0.2 with signal frequency equal to 50/60Hz and with phase shift 0°. The CC11 enables to generate current in range up to 5A at the supply voltage 85..264V.

**Portable electricity meter testers and network quality analysers on site**



**Caltest10**

Single phase portable electricity meters tester class 0.2 or 0.5 powered from tested circuit with load force possibility apart from tested object. There is no need to disconnect the users during measurement.



**Calport100Plus**

Electricity meters tester class 0.1 or 0.2. Three phase tester of CT and PT transformers. It makes possible electricity meters testing on the site or in the laboratory.



**TE30**

Three phase tester and network analyser class 0.05 or 0.1 with large color touchscreen, SD flash memory card and powering from 50...450V AC power network or internal battery. It enables recording and analyse of power quality, testing of electricity meters and CT/ PT transformers on the site or in the laboratory, data readout and meter control via USB, Ethernet and Bluetooth.



**Caltest300**

Electricity meters tester class 0.05 or 0.1. Three phase tester of current transformers and analyser of power network quality. It makes possible electricity meters testing on the site or in the laboratory.

**Stationary and portable meter test systems**



**TB40**

Three phase electricity meter test bench 0.02 or 0.05 accuracy class with extremely compact design size and light weight for simultaneous and automatic testing up to 4 electricity meters.

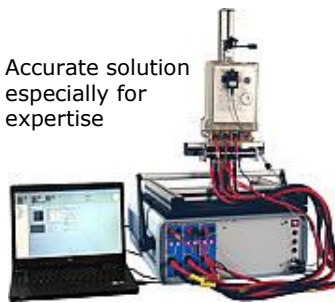
Small:

- cost
- place

High:

- accuracy
- efficiency

Accurate solution especially for expertise



**TB10**

Three phase fully automated 0.02 or 0.05 accuracy class test station for electricity meter testing up to 120A.



C300 in a portable KAS300 transportation case.

## Calmet's Laboratory of Power Network Parameters and Power Quality

Calmet Laboratory offers calibration (checking, testing) of measuring instruments (meters, electricity meters and quality analyzers) and calibrators of electro-energetic values such as: DC and AC voltage and current, phase angle and power factor, frequency, power, energy, resistance and impedance. We offer a unique calibration of power quality analyzers and power quality calibrators in the following scope: accuracy of voltage, current, power and energy at the level 0.007% for currents up to 3x120A AC, distorted signals like harmonics of voltage, current and power, interharmonics, subharmonics, time-varying signals like flicker, dips, sags, overvoltages and inrush current. Calmet's Laboratory of Measurement meets requirements of the EN ISO/IEC 17025:2005 standard with traceability to the Polish National Standards, PTB or NIST.

## What countries use Calmet's devices?

Calmet's devices are sold by Calmet directly and by Calmet's distributors. Currently our devices are successfully used in many laboratories and industry all over the world using brands of many different companies or our own Calmet as well, in the Europe, Asia, North and South America, Africa and Australia.

## Who can support you in Calmet?

We offer our Customers help and support with all matters connected with exploitation and service of the Calmet's measurement equipment. Additionally, we realize the trainings for a new Customers and resolve their individual problems.

## Warranty and after warranty service

For all our products we provide one year warranty and the Customer has a possibility to increase this warranty time from one year up to two or three years. After warranty time we offer full after warranty service, which is realized in seat of Calmet.

## Do not worry about the shipment – we will take care about it!

We have many years of experience in preparation of the international shipments for our Customers all over the world and we pay a big attention to safety of sending by us goods. We use the reliable freight forwarders such as: TNT, DHL, Fedex, UPS or other too, if the customer requires it from us.

We assure preparation of export and shipment documents in road, air and sea transport, arrange forwarder and loading of goods to the carrier according to Incoterms international standards. Mainly we send the goods on the following Incoterms formulas:

- ExW Zielona Gora, Poland – we contact with indicated freight forwarder, load of goods in seat of Calmet and help in preparation of the export documents;
- CIP (any place, city, country), for example CIP Airport Stockholm, Sweden – we contact with indicated freight forwarder, load goods in seat of Calmet, prepare all necessary export documents, pay for the transport and insurance and next we re-invoice it on the final commercial invoice.

All our goods are sent by us in solid and safe transportation cases, which are very useful under freight and which effectively protect the measurement equipment. We can guarantee solid delivery at reasonable prices.



You can contact with us:

office:  
[mail@calmet.com.pl](mailto:mail@calmet.com.pl)

sale:  
[marketing@calmet.eu](mailto:marketing@calmet.eu)

service:  
[service@calmet.eu](mailto:service@calmet.eu)

We hope for a good business relationships with our old and new Customers!  
If you have any questions, please do not hesitate to contact us!