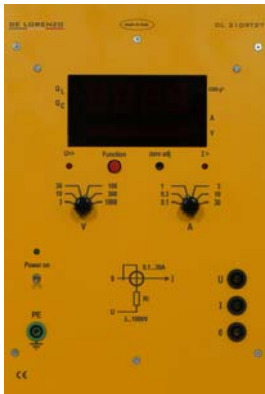




## Power factor meter



**DL 2109T27**

Single-phase panel meter for power factor and phase-angle of the connected load.

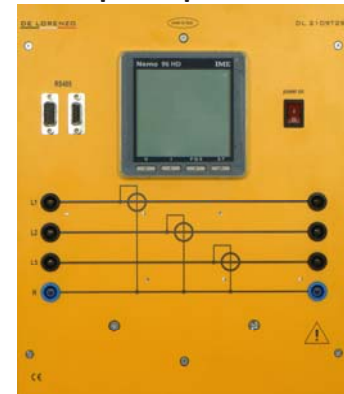
Measurement ranges:

- power factor: 0 ... 1 ... 0
- phase angle:  $-90^{\circ}$ cap ... 0 ...  $+90^{\circ}$ ind
- voltage: 3 ... 1000 V
- current: 0.1 ... 30 A

Frequency range: 50 / 60 Hz

Auxiliary supply: single-phase from mains

## Three-phase power meter



**DL 2109T29**

Microprocessor controlled three-phase power analyzer.

Measurement of voltages, currents, frequencies, active power, reactive power, apparent power.

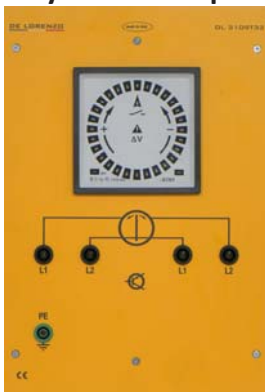
Input voltage: 450 V (max 800 Vrms)

Input current: 5 A (max 20 Arms)

Operating frequency: 47 ÷ 63 Hz

Auxiliary supply: single-phase from mains

## Synchroscope



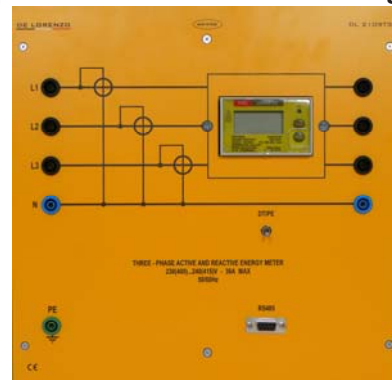
**DL 2109T32**

Rotating light meter with 28 LED on a circular scale and a zero voltage differential indication with 2 LED.

Operating voltage: 380 V (120 Vmin)

Operating frequency: 40 to 60 Hz

## Three-phase active and reactive energy meter



**DL 2109T34**

Microprocessor controlled three-phase power analyzer.

Measurement of voltages, currents, frequencies, active power, reactive power, apparent power.

Connection: Three-phase - 3 or 4 wire

Reference voltage,  $U_n$ : 230 (400)V...240 (415)V

Limit range of operation: 110 (190)V...254 (440)V

Basic current,  $I_n$ : 10A

Maximum current,  $I_{max}$ : 63A

Communication: RS485 galvanically insulated from input meas. Display type: LCD Backlit, 8 digit

Active energy: Total, Partial (resettable) or Double tariff

Reactive energy: Total, Partial (resettable) or Double tariff

Power: Active, Reactive, Apparent, max. demand

(Averaging time period: 5/8/10/15/20/30/60') and peak max. demand (resettable)