

PM605A Multi-function Calibrator



Model PM605A

Specifications

The PM605A is a three phase high accuracy and high stability Multi-Function Calibrator, With built in manual controller, colour display and function keys the PM605A provides sophisticated operation and display of results.

The PM605A has 3 high accuracy(0.05%)Voltage and 3 high accuracy(0.05%)Current outputs and a high accuracy(0.05%)DC voltage 5 binary inputs and 4outputs, making the PM605A a versatile and easy to use calibration tool.

Used in.....

- §AC voltage, current, frequency, phase angle, power factor and power calibration
- §DC voltage, current and power calibration
- §Electronic transducer calibration
- §Energy meter test(optional)

	range	% rd.
AC voltage (3-phase)	0V~10V	0.0 + 5mV
	10V~150V	0.05
AC current (3-phase)	0 mA ~ 100mA	0.0 + 50μA
	100 mA~ 6 A	0.05
DC voltage	0V~±50mV	0.0 + 25μV
	±50mV~±10V	0.05
DC current	0 mA~ 0.2mA	0.0 + 0.1μA
	0.2mA ~ 20mA	0.05
380V AC voltage(Optional)	0V~50V	0.0 + 50mV
	50V~456V	0.1
300V DC voltage(Optional)	0V~30V	0.0 + 30mV
	30V~300V	0.1

Stability

AC voltage/current	0.01% rd.3min
DC voltage/current	0.01% rd.3min
380V AC voltage	0.05% rd.3min

Distortion

AC voltage / current	<0.05% rd.
380V AC voltage	<0.1% rd.

Power per phase

AC voltage / current	30VA
380V AC voltage	30VA
DC voltage	5W
DC current	0.2W

Active / Reactive Power

accuracy	0.05% rd.
stability	0.01% rd. /3min

Frequency

Range	40 Hz ~ 100Hz
Accuracy	0.001 Hz
Stability	0.0005 Hz /3min

Phase angle

Range	0°~ 360°
Accuracy	0.05°
Stability	0.01°/3min

Power factor

Range	-1~0~+1
Accuracy	0.0005
Stability	0.0001 /3min

Multimeter

	range	uncertainty
DC voltage	0 - ±1V, ±5V, ±10V	0.05 % rg.
DC current	0 - ±1mA, ±10mA, ±20mA	0.05 % rg.

Binary Input / Output

	quantity	Time accuracy
Binary In	5	0.1ms
Binary Out	4	1ms

PC Interface:	Ethernet 10/100M
Power Supply:	220V ±15%, 40 to 60Hz
Temperature:	-10° to +45°
Dimensions:	360mm ×157mm ×367mm (W×H×D)
Weight:	15kg

