HIGH VOLTAGE
MULTIFUNCTION PHASING STICK

Model - PC7K / PC11K / PC22K / PC33K / PC44K

This NEW "PC" range of High Voltge Multifunction Phasing Stick are :all - in - one,a Phase Comparator with colour code scale indication, a Voltage Detector with Neon Indication & a Scaled analog Voltmeter. They are available in five models for applications up to 44 kV systems(6.6kV,11kV, 22kV, 33kV & 44 kV). These Dual Poles instruments incorporate modern, high quality glass fibre front end,composite polyurethane main body molding to give tough and very light weight construction and superior Safety features. They have analogue Colour Coded Dual Scales and Neon indication.

They are VDE0681part 5 compliant and IEC1243 - 2. They are practical and efficient.Because of their multifunction capabilites, you do not need to buy separate instruments, you can therefore stay within your budget without compromise.

They are supplied complete with instruction manual. They are housed in a superb High quality modern Plastic Case with shock absorbing foam . They are suitable for indoor and outdoor use (in dry weather).

They do not require dismantling or re-assembling and do not have any user's assembled parts, so eliminating the risks of assembly mistake and accidents during High Voltage Work. In a breakdown situation they are lighter than any other sticks available in the market today. The indicator has been screened for high immunity to interference fields. They determine the voltage and positively identify phases up to 44kV.

Fiberglass is of hot stick quality and tested to IEC specs(100kV / 300mm for 1min). All front end (resistors) are encapsulated. These analog Multifunction phasing Sticks are ideally suited for testing of grounded or ungrounded systems. Important applications include checking voltage fuses,testing for correct phase connections, and for absence of high voltage on de-energized lines or apparatus. The dual scale read direct(no multiplier)in kV AC or in % of full scale and colour coded(Green = in phase; Red = out of phase). A Bright neon is included on the scale for easy visibility indoor and it has dual purpose.

They are equipped with two fixed - length poles connected by a strong flexible, insulated cable.Hand guards are standard on all models. They are easy to handle, light weight,well insulated and designed to ensure maximum operator safety.

SPECIAL FEATURES:

- Dual Colour Code Scale (%,Vac).
- Measure and test Phase to Earth.
- DC version available .
- Suitable for indoor and outdoor use.
- Light weight Robust & Compact.
- Carry Case included.

- Neon indicator lit when >1200 Vac.
- High Quality Fibreglass wound Rod.
- Measure Phase to Phase.
- Current is limited to ±1 mill - ampere.
- Designed to Exceed VDE 0681 part 5.

- Compare between Phases.
- Self powered operation - No Battery.
- High immunity to interference fields.
- Voltage colour code - O-Y-G-B-R.
- Meets IEC 61481 : 2001

SCALES

PC 7k   PC 11k   PC 22k

SPECIFICATIONS

Electrical	PC 7K	PC 11K	PC 22K	PC 33K	PC 44K
System Voltage	6.6 kV	11 kV	22 kV	33 kV	44 kV
Full Scale Voltage	8 kV	12 kV	24 kV	36 kV	48 kV
Maximum Voltage	9 kV	15 kV	30 kV	40 kV	55 kV
Total Resistance	3.95 M	6.78 M	13.5 M	20.1M	27 M
Response time	<1 Sec	<1 Sec	<1 Sec	<1 Sec	<1 Sec
Neon Threshold	1.2 kV	1.2 kV	1.2 kV	1.2 kV	1.2 kV
Neon Lit Fully@	1.5 kV	1.5 kV	1.5 kV	1.5 kV	1.5 kV

Mechanical	PC 7K	PC 11K	PC 22K	PC 33K	PC 44K
Length of Handle	765 mm	765 mm	765 mm	765 mm	765 mm
Length Front End	340mm	340mm	460mm	610mm	760 mm
Total length	1.105M	1.105M	1.225M	1.375M	1.525M
Total Weight	1.2Kg	1.2Kg	1.3Kg	1.4Kg	1.5Kg
Handle Material	Composite Material with Polyurethane				
Front End	Fibre Glass Wound Tubing				

PC 33k   PC 44k

ENVIRONMENTAL

Operating Temperature	-25°C to 55°
Operating Humidity	20 to 96%RH

Recommended to use High Voltage gloves & insulating met for additional safety.

All Specifications are subject to change without prior notice