



HV Phasing HV Phasing Stick & Detector

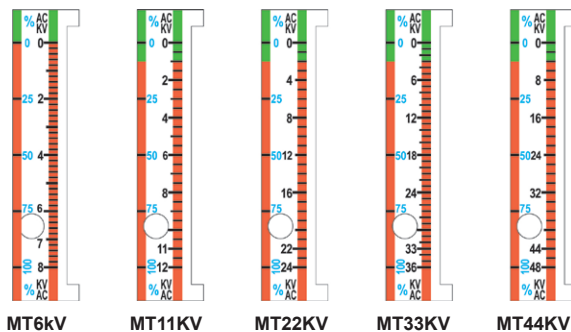
Major Tech's range of High Voltage Multifunction Phasing Sticks are an all-in-one testing solution including a Phase Comparator with colour coded scale indication, a Voltage Detector with Neon Indication, and a Scaled Voltmeter. There are five models for different applications including 6.6kV, 11kV, 22kV, 33kV and 44kV systems. These Multifunction Phasing Sticks utilize a long-established technique to detect and measure high voltages and perform phasing tests. These dual pole instruments incorporate superior safety features, high quality glass fibre front end and a composite polyurethane main body moulding ensuring a tough and lightweight construction. These instruments have an Analogue Colour Coded Dual Scales and Neon indication. The dual scale read direct (no multiplier) in kVAC or in % of the full scale and is colour coded (Green = in phase, Red = out of phase). A bright neon indicator is included on the scale for easy visibility indoor and it has a dual purpose as a detector. The neon indicator will be lit when the voltage across the poles is higher than 1200VAC. In case of unlikely failure of the analogue scale indicator, the neon indicator can be used as a voltage detector.

To protect the phasing sticks, they are housed in a superb high quality modern plastic case with shock absorbing foam.

These analogue 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.

Features

- 5 Models available for 6.6kV, 11kV, 22kV, 33kV and 44kV measurements
- Dual colour coded scales for % and AC Voltage
- Neon indicator when voltage greater than 1200VAC is detected
- Measures Phase to Phase
- Measures and tests Phase to Earth
- Compare between Phases
- High immunity to interference fields
- Current is limited to 1mA
- Lightweight, robust and compact
- Self-powered, no battery required
- Testing of grounded or ungrounded systems
- High quality fibreglass wound rod
- Suitable for indoor and outdoor use
- Meets IC 61481, excluding MT44KV



Function	MT6KV	MT11KV	MT22KV	MT33KV	MT44KV
Electrical					
AC Voltage	6.6kV	11kV	22kV	33kV	44kV
Full Scale Voltage	8kV	12kV	24kV	36kV	48kV
Maximum Voltage	9kV	15kV	30kV	40kV	55kV
Total Resistance	4.8MΩ	6.78MΩ	10.82MΩ	19.68MΩ	26.8MΩ
Response Time	<1 Sec	<1 Sec	<1 Sec	<1 Sec	<1 Sec
Neon Threshold	1.2kV	1.2kV	1.2kV	1.2kV	1.2kV
Neon Lit Fully @	1.5kV	1.5kV	1.5kV	1.5kV	1.5kV
Mechanical					
Length of Handle	775mm	775mm	775mm	775mm	775mm
Length of front end	400mm	400mm	500mm	665mm	820mm
Total Length	1175mm	1175mm	1275mm	1440mm	1595mm
Total Weight	2.1kg	2.1kg	2.2kg	2.4kg	2.5kg
Handle Material	Composite material with Polyurethane				
Front End Material	Fibreglass wound tubing				
Operating Temperature	-25°C to +55°C				
Operating Humidity	20% to 96% Rh				

MT6kV, MT11kV, MT22kV, MT33kV, MT44kV

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Contact Us
South Africa

Australia

www.major-tech.com

sales@major-tech.com

www.major-tech.com.au

info@major-tech.com.au