



Model MDP-50K

Multi-purpose Digital High Voltage Phasing Meter

IP66



CE

Features

- AC 50kV and DC 50kV measurement with direct reading.
- 4000-count LCD.
- Input impedance : 400 Mohm
- Auto-ranging :
AC : 4.000kV / 40.00kV / 50.0kV
DC : 4.000kV / 40.00kV / 50.0kV
- MDP-50K must be connected with an approved hot stick, such as HS-175, HS-120.
- Check phases are "in-phase" or "out of phase".
- Polarity indication : Positive / Negative
- Backlight function.
- Auto power off.
- Power source : 1.5V(AA) alkaline battery × 2.
- Low battery indication(Multi-level).
- Protection class : IP66

Accessories

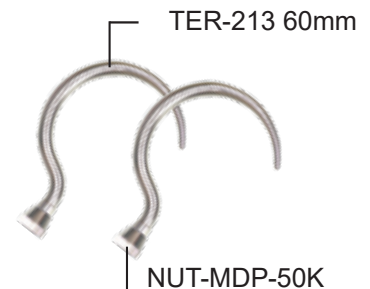
- Instruction manual
- "Y" contact electrode × 2
- Test hook(contact electrode)× 2
- Insulated rod × 2
- Alkaline batteries
- Carry case
- Piercing tip × 2



TER-213



TER-45M/M A



TER-213 60mm

NUT-MDP-50K



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Specifications

AC Voltage	Ranges	Resolution
	4.000 kV	0.001 kV
	40.00 kV	0.01 kV
	50.0 kV	0.1 kV
Accuracy	0 ~ 30 kV	$\pm(4.0\%rdg+0.1kV)$
	30 kV ~ 50 kV	$\pm(5.0\%rdg+0.5kV)$

DC Voltage	Ranges	Resolution
	4.000 kV	0.001 kV
	40.00 kV	0.01 kV
	50.0 kV	0.1 kV
Accuracy	0~20 kV	$\pm(2.0\%rdg+0.08kV)$
	20 kV ~ 50 kV	$\pm(3.0\%rdg+0.1kV)$

General

Low battery indication	√ (Multi-level)
Operating temperature & humidity	0°C~40°C, 80% Max.
Storage temperature & humidity	-10°C~50°C, 80% Max.
Dimensions	
Master stick :	490(L) × 101(W) × 118(D)mm
Slave stick :	490(L) × 35(W) × 35(D)mm
Weight (battery included)	Approx. 1.35kg
Power source	1.5V (AA) Alkaline battery × 2

Instrument Layout

- ① LCD
- ② ON/OFF Button
- ③ Backlight Button
- ④ AC/DC Button
- ⑤ Master Stick
- ⑥ Slave Stick
- ⑦ Adapter End
- ⑧ Battery Cover



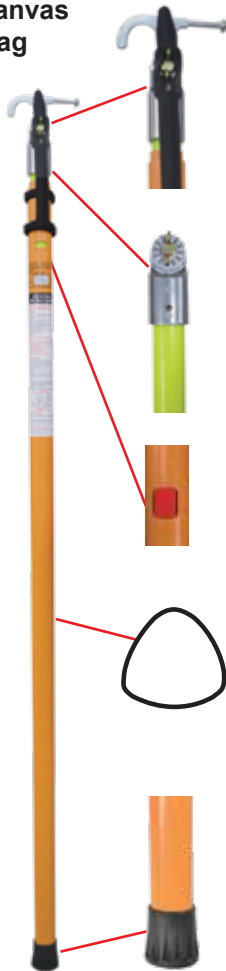


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HS-175

Padded Canvas Storage Bag



Rubber hook latch

For securing the sticks in a retracted position during storage or transportation



Universal Sunrise Fitting head

For securing accessory attachments



Push button feature

For extending and collapsing the stick



Ergonomic

Triangular- shaped stick design provides for better gripping and carrying



Integrated Base Cap

Feature provides added insulation and prevents slippage



HS-120 R (Optional)



- Single foamed hot stick.
- Universal sunrise fitting on the head to fit special tool fittings.
- Rated at 100kV per 300mm (5 minutes).
- Can be connected to MDP-50K digital high voltage phasing meter.
- Reasonable price.



- ADP-HS120 Fuse extractor head



- HOK-HS166 Disconnect hook (Optional)

Model	HS-175-3	HS-175-4	HS-175-5
Sections	3	4	5
Extended Length (m)	3.82	5.10	6.42
Retracted Length (m)	1.48	1.53	1.58
Stick Width (mm)	37.8	41.8	45.3
Weight (kg)	1.85	2.40	3.10

* NOTE : Dimension lengths are approximate and may have a variance of ± 0.05m.



MDP-50K must be connected with an approved hot stick, such as HS-175, HS-120, HS-120R to do the high voltage measurement.