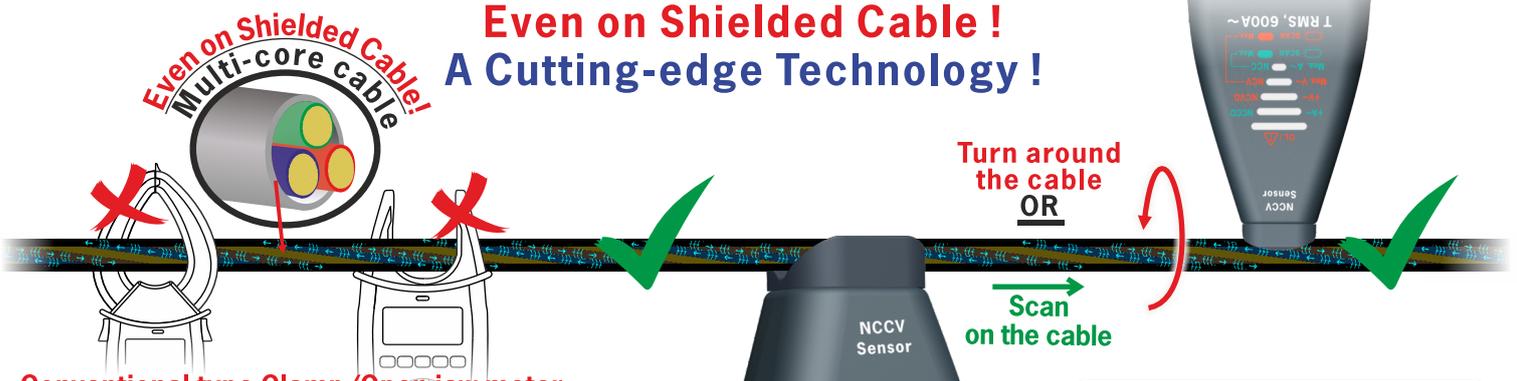




# Non-Contact Meter (NCCVMeter®)

## Measurements on multi-core cable possible!

### Even on Shielded Cable! A Cutting-edge Technology!



Conventional type Clamp/Open jaw meter impossible to measure on multi-core cable! (Magnetic field cancelling each other's)

- ### Advanced Features
- 1) Measures on single; multi-core or even shielded cable.
  - 2) Measures TRMS AC supply voltage.
  - 3) Measures TRMS AC supply current.
  - 4) Measures Frequency.
  - 5) AC voltage detection (NCVD).
  - 6) AC voltage comparison.
  - 7) AC current detection, even on shielded cable (NCCD).
  - 8) AC current comparison.
  - 9) Trace / Locate buried wires / cables.
  - 10) Over rated current alarm.
  - 11) Abnormal current alarm.
  - 12) Fluctuating voltage alarm.
  - 13) Wireless connectivity compatible
  - 14) More.....

### Free Download 'iMEET' APP

Download on the App Store | GET IT ON Google Play



### Dual Communication with SmartPhone / Tablet

View full informations through SmartPhone / Tablet

### Awards

2024 Electronics Industry Gold Award (HKEIA)  
2024 European Product Design Award  
EE Times, 2024 Innovation Award  
2024 Hong Kong Inventions, Gold Medal

**Patented**  
China, German, Japan, Hong Kong (China), Taiwan  
World Wide Pending

1000V CAT. III  
600V CAT. IV

Product Scale 1:1  
Model No.: MS-W26N

Catalogue | Instructional Video

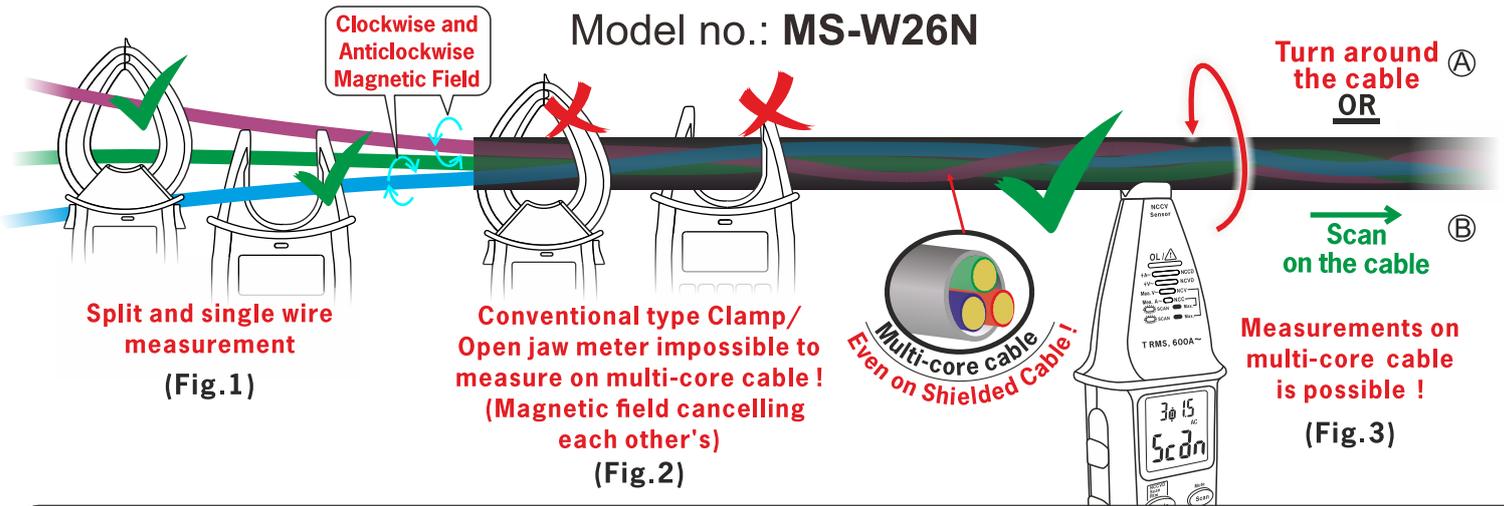
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# Non-Contact Meter (NCCVMeter®)



## Unique product introduction

For last 70 years bulky and heavy clamp or open jaw meter have been used to measure current on wires that must be separated i.e. on Live or Neutral wires or between Live wires (Fig.1). Additionally, measuring AC voltage on the cables by Non-contact method is also impossible ! However, measuring on two / three / four / five core cables even on armoured / shielded cables as well as on any length of cable has been impossible (Fig.2) !

Unlike popular conventional type clamp / open jaw meter, a revolutionary new generation of multifunction multi-core Non-Contact Meter (NCCV Meter®) invented by MEET, offers unique solution to measure various data and collect information on single or multi-core cables without separating the wires or restricting on at open side only. Unique designed fully insulated miniature multi sensor enable to measure in a very tight space (Fig. 3).

In fig. 3, user can simply place the 'NCCV Sensor' probe in-touch with single / multi-core wire / cable and turn around (A) or scan (B) on to measure and collect information just in seconds, such as:

- \* AC current
- \* AC voltage
- \* Identify current flow through Live or Neutral wire
- \* Locate Live and Neutral wires

One of the most interesting advance feature integrated with Bluetooth wireless connectivity (requires external wireless module, MS-WMB1/MS-WMBM1) is its ability for dual mode communication to transfer / share measured data / information between meter and Smartphone / Tablet such as:

- \* Electric Power
- \* Impedance
- \* Frequency
- \* Inrush current
- \* AC Peak voltage (VP)
- \* BTU/hr.
- \* Horsepower [HP(I)/ (E)]
- \* Calculation of CO2 emissions etc.

Moreover, through Smartphone / Tablet the data can be recorded; real time view; snap the picture with data along with full information and send via E-mail to head quarter / WhatsApp /WeChat etc.

Beside measuring, one of the most unique features included **NCCV** (Non-contact Voltage Detection) and **NCCD** (Non-Contact Current Detection) detecting AC signal strength indicates by numerical display enable to pin-point locate the exact source / results inside PVC conduit; switch; socket etc. as well as to locate buried high AC current flows inside walls ; ceilings; ground.

**From now, it is really to have a Non-Contact Meter (NCCV Meter®) to make measurements on multi-core cable possible in your pocket or tools box.**



# Non-Contact Meter (NCCVMeter®)

Specifications			
Three Measurement / Function Mode	Non-Contact AC Current / Voltage detection {(NCVD/ NCCD (NCCVD))}	'Scan' Measurement mode	'Rtm' Real time Measurement / monitor mode
AC voltage / current / frequency measurement		220V / 0~600A / 50Hz	
Identify current flow through Live or Neutral wire			*
Locate live and neutral wire	*		*
Display electric power through wireless connectivity to Smartphone			*
Display impedance / frequency through wireless connectivity to Smartphone			*
Display AC Peak Voltage (VP) / Inrush Current (IR) through wireless connectivity to Smartphone			*
Display BTU / hr. through wireless connectivity to Smartphone			*
Display horsepower [HP(I) / (E)] through wireless connectivity to Smartphone			*
Display calculation of CO <sub>2</sub> emission through wireless connectivity to Smartphone			*
Resolution		1V/0.1A	
'APO' Auto Power Off	Not activated within 5 minutes		
Mute function selectable / REL	*		
Backlight ON / OFF selectable		*	
Over rated current alarm		*	With buzzer sounds
Abnormal 'Current' alarm detection / monitoring			*
Fluctuating 'Voltage' alarm detection / monitoring			*
Measurable wires / cables type		7 types of wires / cables, total 29 types available	
Self-user calibration (Group C-1~4)		*	
Low battery indication	<7.0V, when below 5.6V, auto power off		
Wireless Connectivity Compatible	Connect through external Bluetooth module		
AC 'Current' comparison			*
Trace / Locate buried wire / cables inside walls	*		
Locate underground heavy current armoured cables	*		
Battery powered by	1 x 9V (6F22 / 6LR61 / 1604)		
Dimensions (approximately) (L x W x H)	185 x 60 x 50		
Weight (approximately) (Without battery) grams	145		

## Types / Size of Measurable Wires / Cables

PVC/Rubber / Others	Metric (mm <sup>2</sup> ) / US (AWG)				
1 core '1' round cable	0.75/AWG#19	1.5/AWG#16	2.5/AWG#14	4.0/AWG#12	6.0/AWG#10
	10/AWG#8	16/AWG#6	25/AWG#4	35/AWG#2	
2 core '2' round cable	0.5/AWG#21	0.75/AWG#19	1.0/AWG#18	1.5/AWG#16	2.5/AWG#14
2 core '2' flat cable	0.5/AWG#21	0.75/AWG#19	1.0/AWG#18	1.5/AWG#16	2.5/AWG#14
2 core round 2E '2E' Mineral Insulated Copper-Clad Cable (MICC)		1.5/AWG#16			
2 core round 2F '2F' Steel Wire Armoured Cable (SWA)			2.5/AWG#14		
3 core '3' round cable	0.5/AWG#21	0.75/AWG#19	1.0/AWG#18	1.5/AWG#16	2.5/AWG#14
3 core '3' flat cable	1.0/AWG#18			1.5/AWG#16	2.5/AWG#14

## Over Rated Current Alarm of Wires / Cables setted (for reference)

Diameter (mm <sup>2</sup> )	0.5/AWG#21	0.75/AWG#19	1.0/AWG#18	1.5/AWG#16	2.5/AWG#14	4.0/AWG#12
Rated current (A)	2.5	3.8	5.0	7.5	12.5	20.0
Diameter (mm <sup>2</sup> )	6.0/AWG#10	10/AWG#8	16/AWG#6	25/AWG#4	35/AWG#2	
Rated current (A)	30.0	50.0	64.0	100.0	105	