

# DIGITAL PANEL METER MULTI-FUNCTION METER / LOAD MANAGER/ POWER ANALYZERS

**YORINS**  
The Name That Spells Precision

## AC VAF/ VIF-PF METER (Single Phase/Three Phase)



YI-520



YI-522

### FEATURES

- TRMS Measurement
- Measures V, A, Hz, Run Hour, ON Hour & RPM
- RUN Hour / Load Hour (Max. 999999 Hours, 59 Minutes)
- RUN Hour /Load Hour Reset Facility
- Auto Scroll / Manual Scroll Display
- 3 Phase 4 wire, 3 Phase 3 wire, 1 Phase 2 wire Programmable
- 3 Rows of 3 Digit & 4 Digit Super Bright Red LED Display
- Programmable CTR, PTR. Number of Pole Setting
- Auto Indication for 'KV' & 'KA'
- Auto Selection of Decimal Point

### SPECIFICATION

Display	: 3 Rows of 3 Digit RED Seven Segment in YI-520 Display 0.40 /10.1mm Digit Height 3 Rows of 4 Digit RED Seven Segment in YI-522 Display 0.56 /14.2mm Digit Height	System	: 3 Phase 4 wire, 3 Phase 3 wire, : 1 Phase 2 wire Programmable
Auxiliary Supply	: 150-300V AC [Not Available in YI-520] 45-270V AC /DC 19-90V AC /DC	CT Primary Range	: 1A to 50kA AC Programmable
Input Voltage	: 20 - 600 V AC ) Max.) (PH - N) : 30 - 1000 VAC ) Max.) (PH - PH)	CT Secondary Range	: 0.5A to 5A AC Programmable
Input Current	: 0.020A-10A AC Per Phase	PT Primary Range	: 50 to 500kV AC Programmable
Frequency	: 45 - 65 Hz	PT Secondary Range	: 50 to 500V AC Programmable
RPM	: As per Number of Pole Setting. : Fully Programmable (1 - 255)	Metering Standard	: IEC 62053-21/22
VA Burden (Typical)		Installation Category	: Cat II (IEC / EN61010 - 1)
Auxiliary	: <2.5 VA	Pollution	: Degree 2 (IEC / EN61010 - 1)
Voltage Input	: <0.2 VA / Phase	Environment	
Current Input	: <0.2 VA / Phase	Calibration	: 27°C ± 5°C
		Operating	: 0° to 50°C, RH <70%
		Storage	: -10° to 60°C, RH < 70%
		Dielectric Strength	: 2.5 KV at 50 Hz for 1 mm
		Insulation Resistance	: > 20 MOhms at 500 V DC

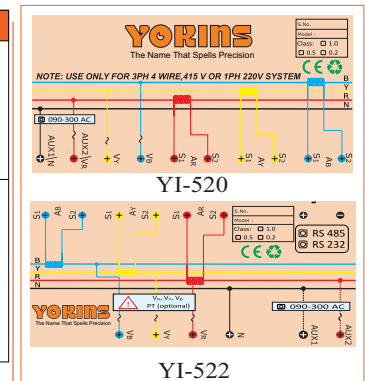
### DIMENSIONS (MM)

MODEL	YI-520	YI-522
FRONT	96 X 96	96 X 96
DEPTH (Behind Bezel)	39.5	52
Panel Cut -Out	92 <sup>(+0.8-0.0)</sup> x 92 <sup>(+0.8-0.0)</sup>	92 <sup>(+0.8-0.0)</sup> x 92 <sup>(+0.8-0.0)</sup>

### ORDERING INFORMATION

MODEL	PARAMETERS DISPLAYED	ACCURACY CLASS	AUX SUPPLY
YI-520 (3 Digit 3 Row)	Voltage(Line to Line) Voltage(Line to Neutral) Current Frequency (Class 0.2) RPM Load Hours	1.0 0.5	SELF POWERED
YI-522 (4 Digit 3 Row)	Voltage(Line to Line) Voltage(Line to Neutral) Current Frequency (Class 0.2) Power Factor(Class 0.5) RPM Run Hour Load Hours	1.0 0.5	45-270V AC /DC 19-60V AC /DC

### TERMINAL CONNECTION



\*WHILE ORDERING PLEASE MENTION RANGE, CLASS & AUX SUPPLY & FOR BULK CUSTOMIZED INQUIRES PLEASE CONTACT SALES.



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