

UNIQUE FEATURES :

- 3 Displays at one time : 3 V, 3 A, W, Var, WH, VarH, PF, Hz (12 parameters).
- Applicable Standard : DIN IEC 688
- Suitable for : 1 2 W ; 1 3 W ; 3 3 W ; 3 4 W systems
- 10 Years Power- Off Memory for WH & VarH
- With RS - 485 or RS - 232 Communications Ports, Modbus RTU Output.
- Software for Load & Harmonics Analysis (optional)
- Harmonics : Analyses Voltage & Current Harmonics upto 31st Harmonics.
Displays Voltage & Current Harmonics upto 15th Harmonics
- User friendly programming.
- 4 Units Hi - Lo set

Model KM 7200 C



SPECIFICATIONS :

INPUT :

- Input Voltage Range : Normal Voltage 110 V, Effective Range 85 ~ 150 V.
Normal Voltage 220 V, Effective Range 160 ~ 300 V AC.
- Input Voltage Over Range : Normal AC 110 V, Voltage Over 500 V Continuous.
- Input Current Range : Normal Current 5 A, Effective Range 0 ~ 7.5 A,
Normal Current 1 A, Effective Range 0 ~ 1.5 A.
- Input Current Over Range : Normal AC 5 A, Current Over 15 A Continuous.
- Input Frequency : 45 Hz ~ 70 Hz.
- Input Burden : Voltage 0.25 VA / Unit, Current 0.25 VA / Unit, at 50 / 60 Hz

OUTPUT :

- DC Current : 0 - 20 m A D C
- DC Voltage : 0 -10 V DC
- Digital Output Load : RS 485 Output, Isolate Type with MODBUS RTU mode.
4800, 9600, 19200 Baud Rate, User Selectable.
- Load resistance drive : output drive 10V DC maximum
- Load resistance drive : output drive 5 mA maximum
- Output Protection : Without Damage for Output Open or Short Circuit
- Output Response Time : 1 Sec.

Model KM 7200 C

INPUT (V)		INPUT (C)		OUTPUT		SETTING FUNCTION		AUX. POWER	
A	55 ~ 300V	A	1A	F	RS485 modbus	A	4 Units Hi-Lo set	C	DC 24V
C	300 ~ 600V	B	5A	O	4 Units Analog			F	AC 85~265V
				M	4 Units Analog+RS485				DC 100~300V
				Q	Full function				
Y	SPECIAL	Y	SPECIAL	N	NONE	N	NONE	Y	SPECIAL
				Y	SPECIAL	Y	SPECIAL		

In 3 4 system Voltage (INPUT (V)): is Line - Neutral Voltage

When ordering Specify code number and variable (e.g.7200 C - A - B - N - N - F)

Code number : Model - Input Voltage - Input Current - Output - Setting - auxiliary power.

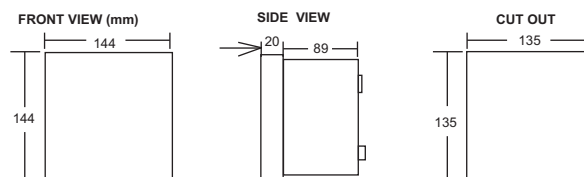
PERFORMANCE :

- Accuracy : V, A, W, = $\pm 0.2\%$ Fs + 2 Counts at 23°C $\pm 3^\circ\text{C}$.
- Var, WH, VarH, PF = $\pm 0.4\%$ RO + 2 Counts,
- Hz = $\pm 0.02\%$ Fs + 1C at 23°C $\pm 3^\circ\text{C}$., Thd = $\pm 2\%$
- Display Range : V, A, W, Var, PF, Hz, 0.56" Super Red LED
4 Digits = 0~9999 Counts,
PT, CT User Selectable.
- WH; VarH, 0.56" Super Red LED,
6 Digits = 0 ~ 999999 Counts.

- Response Time : 1 Sec.
- Dielectric Strength : AC 2.8KV / Min, Input/Power/Case, DIN IEC 688.
- Impulse : 6 KV 1.2x50 S, ANSI C37.90a / 1983. DIN IEC 255 -4.
- Stability : 0.2% / Year.
- Operation Condition : -10°C ~ +55°C; 20 ~ 95% RH Non-Condensed.
- Storage Condition : -40°C ~ +75°C; 20 ~ 95% RH Non-Condensed.
- Power Supply : AC 85~265V and DC 100~300V Power .
- Mounting : Panel Flush Mounting.

In this meter, the initial page of the instrument displays 3 Power Parameters at one time (3V, 3A, W, Var, WH, VarH, PF, Hz, (3 parameters per page). Then next 3 pages shows Voltage Harmonics i.e. The 1st, 3rd, 5th, 7th, 9th, 11th, 13th & 15th order of harmonics & the % Total Voltage Harmonics Then next 3 pages display the current Harmonics i.e. 1st, 3rd, 5th, 7th, 9th, 11th, 13th, 15th order of Harmonics & the percentage of Total Current Harmonics.

DIMENSION :



All Specifications are subject to change without prior notice