

Introducing Soon

Preliminary Data



Software



MECO supports Bureau of Energy Efficiency (BEE), Govt. of India's mission to institutionalize certification of Electric / Electronic goods for ECOMARK under Gazette of India

Accessories

EAT-MFM-96U



Carrying Bag



Clamp - On CT's



Current Lead Wires



Voltage Lead Wires



Instruction Manual & Software CD



Power Cord



RS 485/232 Converter (Optional)

Features

- More than 65 Electrical Parameters on 20 display pages
- 3 Phase 3 Wire / 3 Phase 4 Wire (User Selectable)
- Complete with Standard Accessories
- Programmable CT & PT Ratios
- Coloured Input Terminals for Phase Identification
- Software Support for Datalogging, Tabulation & Graphs
- Clamp-On CT's for Current Input
- TRMS Measurement
- Full Annunciators on Display
- Rugged & Portable Casing
- RS 485 Port, 5kV Isolated Port (Standard)
- Max. Demand, THD, Password Protection & Auto Scroll Facilities

Applications

- Energy Audit ● Appliance Testing ● Testing LV Power Distribution Switchboards ● QC Testing ● Studying Energy Exchange Points
- Building Management Systems ● Power Management ● Generator / Motor Characteristics ● Plant Maintenance ● Datalogging

Technical Specifications

Model	EAT MFM-96U (with Triple Range CT's)
System	3Phase 3Wire 2Element & 3Phase 4Wire 3Element System (user selectable)
Measures	V, A, W, Var, VA, Hz, PF, KWh, KVarh, KVah with 65 Electrical Values on 20 Display Pages
Voltage Input	Direct Thru. PT 50 - 300V (max.) (Phase to Neutral) PT Ratio Fully Programmable From 1.000 ~ 9999
Current Input	Direct Thru. CT 1A - 6A AC Max. (Direct) Supplied with 3 pcs Clamp-On CT's (Red, Yellow, Blue) of Triple Range ie 100, 500, 1000/5A AC. The CT Ratio Programmable on the Instrument by the User
Power Supply	230V AC $\pm$ 20%, 50Hz (Standard), 110V AC $\pm$ 20%, 50Hz (Optional)
Programmable Parameters	CTR, PTR, Instrument Address & System Configuration
Key Pad	4 Function Keys to Scroll through Display Pages and for Programming Parameters
Display	Simultaneous Display of 4 Parameters, 4 Digits Resolution, 0.36" / 9.2mm Digit Height 0000 ~ 9999 Counts & 0000 0000 ~ 9999 9999 (Energy)
Serial Communication	RS-485 Port, 5KV Isolated, MODBUS-RTU Protocol
Software Support	POWER MASTER Software
Other Specifications	As per MFM-96UMT & Clamp - On CT's catalog
Input Terminals	Suitable for $\pm$ 4mm Jack Banana : Voltage (4) & Current (6)
Accessories (Standard)	Complete Portable Instrument consisting MFM-96UMT, 3 pcs High Current Clamp-On CT's (R,Y,B), 4 pcs Voltage Probes (R, Y, B, Black, One Side Banana / One Side Crocodile, 2m each), 6 pcs Current Lead Wires (R, Y, B & 3 x Black, One Side Banana / One Side "U", 2m each), RS-485 Communication Port, Instruction Manual, 3 Pin Power Cord, Standard Power Master Software CD and Carrying Bag
Accessories (Optional)	RS-485 / RS-232 Convertor with AC Mains Adaptor

Ordering Information : Model & Optionals