



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



EAT-MFM-96UMT

Accessories



Carrying Bag



Clamp - On CT's



Voltage Lead Wires



Current Lead Wires



Instruction Manual & Software CD



Power Cord



RS 485/232 Converter (Optional)

Features

- 12 Parameters, 68 Values on 22 Pages
- 3 Phase 4 Wire
- Complete with Standard Accessories
- Programmable CTR, PTR, Instr. Address, Password & MD Period
- Coloured Input Terminals for Phase Identification
- POWER MASTER Software Datalogging, Tabulation & Graphs
- Built-In 20 Energy Meters of 8 Digit Resolution
- TRMS Measurement
- Rugged & Portable Casing
- RS 485 Port, 5kV Isolated Port (Standard)
- Max. Demand, THD, Password Protection & Auto Scroll Facilities
- Energy Retention & Energy Reset Facility
- Clamp-On CT's for Current Input
- Full Annunciators on Display

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-96UMT (with Triple Range CT's)	
System	3Phase 4Wire 3Element System	
Measures	V,A,W,Var,VA,HZ,PF,KWh,KVArh,KVah,MD & THD with 68 Values on 22 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 From 1.000 ~ 9999
Power Supply	230V AC \pm 20%, 50Hz (Standard), 110V AC \pm 20%, 50Hz (Optional)	
Programmable Parameters	CTR, PTR, Instrument Address, MD Period & Password	
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 ϕ 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 Converter with AC Mains Adaptor	

Ordering Information : Model & Optionals