

Kilowatt Hour/ Discontinued Product



Model KWDM-7000 KWhr/Demand Meter with Alpha-numeric LCD Screen

KWM Series
\$655
Basic Unit

KWDM Series
\$932
Basic Unit

- ✓ Microprocessor Based
- ✓ Remote Current Transformer Operated
- ✓ LED Operational Indicators
- ✓ No Multipliers
- ✓ KWM-4000 Includes 6 Digit Electro-mechanical Display for KWhr
- ✓ KWDM-7000 Includes LCD Display for:
 - Current KWhrs Used
 - Current KW Demand
 - Maximum KW Demand
 - Maximum KW Demand
 - Date and Time
 - Accumulative Demand

Standard systems include meter, current transformers, opto isolated switching transistor and operator's manual

Specifications

Voltage Range:

Models from 120 to 480 V

Operating Voltage: -40 to 20%

Phases: Single or 3 phase 0.22 Amps

Meter Burden: 2.5 VA

C. T. Burden: For 200 Amp CT= 1 VA

Operating Temperature:

KWDM series: 0 to 50°C (32 to 122°F)

KWM series: -20 to 60°C (-4 to 140°F)

Humidity: 5 to 95% non-condensing

LCD Display: Alphanumeric, 16 characters (for KWDM-7000)

Meter Accuracy: ANSI C19 performance, ±0.05%

Output: Opto isolated switching transistor, rating 80 Vdc and 80 mA max, Set at 1 pulse per KW hour

Enclosure:

94 VO ABS flame retardant plastic

Dimensions: 203 H x 191 W x 83 mm D (8.0 x 7.5 x 3.25")

Weight (with standard 200:5 current transformers):

KWDM-7000 series: 5 lb (2.3 kg)

KWM-4000 series: 4.5 lb (2.0 kg)

To Order (Specify Model Number)

Model Number	Price	Voltage	Elements	Wire	CTs**
KWh/Demand Meters:					
KWDM-7234/**	\$932	120/208	3	4	3
KWDM-7834/**	932	277/480	3	4	3
KWDM-7833/**	932	480	3	3	2
KWDM-7433/**	932	240	3	3	2
KWDM-7432G/**	932	120/240	3	4	3
KWDM-7233PT/**	932	120	3	3 or 4	2 or 3
KWh Meters:					
KWM-4234/**	655	120/208	3	4	3
KWM-4834/**	655	277/480	3	4	3
KWM-4833/**	655	480	3	3	2
KWM-4433/**	655	240	3	3	2
KWM-4432G/**	655	120/240	3	4	3
KWM-4233PT/**	655	120	3	3 or 4	2 or 3

* Insert 15, 30, or 60 for 15, 30, or 60 minute demand window respectively.

**Price includes current transformers. Insert 100, 200, or 400 for 100:1, 200:5, or 400:5 current transformers. Different size current transformers are optionally available in both solid and split core designs. Consult Applications Engineering for ordering information.

Note: For 2-wire RS-232 communications the optional communication interface module must be ordered separately. Consult Applications Engineering for more information.

Ordering Example: KWM-4234/200, 120/208 V, 3-element, 4-wire kilowatt hour meter with, opto isolated switch, and 200 A current transformers, \$655.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters