



A Division of Mercury Instruments

MTEK6000 Series Electronic Gas Measurement Instruments

The Ultimate in Programmable Flexibility

Whether you need flow measurement, volume correction or pressure recording, the MTEK6000 delivers the accuracy, low power consumption, expandability, communications and programmability you need to get the job done. With the MTEK6000, many hardware and software components can be user selected for specific applications, eliminating the need to employ several different models. This translates directly into reduced spares inventory along with simplified purchasing, deployment and training.

Features & Benefits

- On-board 2400bps modem
- Fully compatible with Metretek's DC2000 Data Collection & Management software
- Calculates AGA-3,5,7,8 & NX-19
- Battery or mains powered (w/proper adapter)
- Intrinsically safe configuration available [UL]
- Up to 9 months of gas volume data history
- Audit trail of user changes
- Wireless options for ease of installation and lightning immunity
- Windows™ 32 bit programming software



Specifications (subject to change without notice)

NEMA 4X Enclosure:

Height: 12.75" [323.85mm]
Width: 6.5" [165mm]
Depth: 4.25" [108mm]
Total Weight: 6.0lb[2.72Kg]

Power Requirements:

Battery: 3.6-4.5Vdc
External: 7-18Vdc

Standard Communications:

9600BPS RS232C [local]
2400bps modem w/RJ11C Telco port

Alternate Communications:

GSM & CDMA Cellular

Operating Temperature Range:

-40C to +70C [LCD to -20C]

Humidity:

To 95% non-condensing
[circuit boards are conformal coated]

Pulse Input (without option board): 1 form C

Pulse Inputs/Outputs (with option board):

Inputs: 2 Form C, 2 Form A [alarms]

Outputs: 2 Form C (w/option board-001 level)

Outputs: 4 Form C (w/option board -002 level)

Analog Inputs (with option board):

Inputs: 2 each [1-5v or 4-20ma]

Optional Analog Outputs: 1 or 2 [4-20ma]

Operator Interface:

Standard: 13 digit scrollable, configurable LCD

Optional: Notebook PC software

External Keypad & LCD display

Security: Programmable password system, tamper detect

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