



# ECOTECH

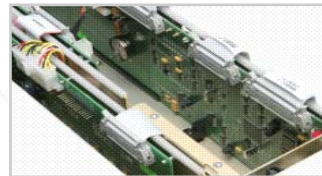
WORLD CLASS  
environmental  
MONITORING

## EC9800 Microprocessor Upgrade for ME9800 or ML9800

### Features

#### Flash ROM Internal Data Storage

- Selectable average period: 1/3/5/15/30 min, 1/4/8 or 24 hour averages, or 4/8 hour rolling averages
- Up to 175 days of 5 min averages for O<sub>3</sub>/CO/SO<sub>2</sub>
- Up to 130 days of 5 min averages for NO<sub>x</sub> analyzer
- Flash ROM Storage - no loss of data in event of microprocessor battery failure
- Data downloadable via USB port or RS232 ports
- Ethernet option available



### Measurement



- Selectable measurement units  $\mu\text{g}/\text{m}^3$ ,  $\text{mg}/\text{m}^3$ , ppt, ppb, ppm
- Selectable decimal places, 1,2,3,4 eg.100.0000 ppb (4 places)
- 300 second filter now available which improves measurement accuracy by decreasing noise levels, also utilized in background analyzer's configuration
- Filter choices now include: Kalman, 10, 30, 60, 90, 300 s filters or no filter
- Rolling 4/8 hour average
- Background measurement (auto zero) frequency for EC 9850/9830 is operator selectable 2/4/6/8/12/24 hours provides for better stability and lower detect. limits
- Can now select the change in ambient temperature difference which triggers the EC9830 to perform a background measurement. Default is set to 4° C change, but this can now be changed
- Background measurement levels are now displayed in the event log
- Bidirectional Serial interface baud rate now selectable from 1200 to 38400 bps
- Event Log for 100 recent events

### Other Features

- Firmware upgradeable through RS232 ports or USB port (latest software available from Ecotech's web site)
- Sample Flow set point is now available via hidden service menu (A model only)
- Pressure and flow calibration is now available via hidden service menu
- Addition of USB and/or Ethernet ports is also available



**USA contact details**  
**Ph:** (401) 247 0100  
**Fax:** (401) 537 9166  
**Email:** [info@AmericanEcotech.com](mailto:info@AmericanEcotech.com)  
**Website:** [www.AmericanEcotech.com](http://www.AmericanEcotech.com)



2006 Governor of Victoria  
**Export Awards**  
 Winner