

# DJCH4 METHANE / ETHANE Analyzer / Recorder for the PC

For Carbon Credits, Landfill, Biofuel, CNG,  
Vapor Recovery, Gas Quality Measuring/Recording

Continuously Measures &  
Records CH<sub>4</sub>, C<sub>2</sub>H<sub>6</sub>, CO<sub>2</sub>,  
O<sub>2</sub>, NO<sub>x</sub> & AFR/Lambda

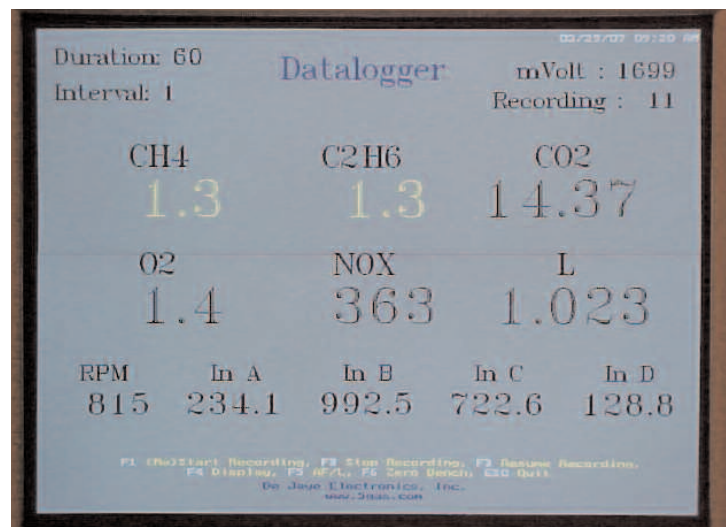
Inputs for Five Additional  
Data Modules: Temp, Flow,  
Pressure, Etc.

Programmable Data Logger  
with Over-Range Flags  
and Time & Date

Displays Real Time Data  
Data & Saves in Excel and  
Report Formats

Compact, Portable 12VDC  
6.5 x 11 x 9 in. @ 10 lbs.

Flexible & Adaptable for  
Desktops, Laptops & SBC



**De Jaye Technologies, LLC**

1627 East Madison Des Moines IA 50313 USA

515 265 3686 **WWW.5GAS.COM** 515 210 8300

# **De Jaye Technologies, LLC**

## **Environmental Emissions Analyzers/Recorders**

1627 East Madison Des Moines IA 50313 USA

DJCH4 is a Non-Dispersive Infrared (NDIR) Methane Emissions Analyzer/Recorder for the PC. It CONTINUOUSLY measures and records CH<sub>4</sub>, C<sub>2</sub>H<sub>6</sub> (Ethane), CO<sub>2</sub>, O<sub>2</sub>, NO<sub>x</sub>, RPM and AFR/Lambda. An optional data acquisition board adds four MilliVolt inputs for temperature, pressure, flow rate or other gas data modules (CO ppm, VOC, H<sub>2</sub>S, SO<sub>2</sub> etc.).

The DJCH4 software is extremely easy to use. It will measure gas with TWO keystrokes. The data logger has a programmable interval and duration with over-range flags on the screen and the printout. Data is saved in both a report and Excel format on the hard drive or a USB memory stick. MilliVolt input data is saved with the gas data in the Excel file for graphing or calculations.

There are different versions of the DJCH4 analyzer. The CH<sub>4</sub>, CO<sub>2</sub>, O<sub>2</sub>, NO<sub>x</sub> version is for Biofuels, Carbon Credits and Landfill applications. The CH<sub>4</sub>, C<sub>2</sub>H<sub>6</sub>, CO<sub>2</sub>, O<sub>2</sub>, NO<sub>x</sub> is for CNG Emissions and Vent & Flare Gas Analysis & BTU calculations. The data acquisition board with RPM and MilliVolt inputs is available for all versions of DJCH4.

The DJCH4 is adaptable and flexible. It does not require an operating system. It will run on a Desktop, Laptop or Single Board Computer using DOS through XP. The analyzer is powered by a 12 or 24 VDC supply. It measures 11 in. wide x 9 in. deep x 6.5 in. high and it weighs 10 lbs. The language file can be removed and translated into a different language for international applications.

DJCH4 turns a computer into a Data Acquisition Platform for your Compliance Verification, Carbon Credit and Gas Emissions Monitoring & Recording needs. Custom software can also be designed specifically for your application.

A 5 Gas Engine Emissions Analyzer is also available for NO<sub>x</sub>, CO, CO<sub>2</sub>, HC, O<sub>2</sub>, AFR, RPM & mVolt. Please contact us for a DJCH4 or DJ5GAS demonstration CD.

Dave Peitzman

**515 265 3686 WWW.5GAS.COM 515 210 8300 mobile**