

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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716 Combustion Analyzer

Data Sheet 06.12

Test the TPI Advantage

Features

QUICK AND SIMPLE SET UP All TPI analyzers feature quick and simple set up. Fast purge and the ability to performfuel selectionduring start up enable tests to be performed quickly without requiring extra set-up time after initial startup. TPI analyzers also use the last selected fuel as the default setting. This feature prevents the need toperform fuel selection every time the analyzer is turned on.

- Built-in differential manometer with 0.001" H20 resolution
- Calculates combustion efficiency
- Data Logging with time and date stamp
- Will not shut off if 15 ppm CO is present for increased safety
- · Communicate to a PC via the USB interface
- Optional A740 IR printer available for hard copies of test results
- Built-in differential thermometer
- Store function to save up to 10 readings
- Pump driven for fast response
- Push on fittings for fast and easy use
- Large easy to read backlit display
- Ten selectable fuels

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Instrument

Operating Temperature Range Battery / Batery Life Charger Input Voltage Fuels

Units of Pressure Display Data Storage Data Logging Single Logging Time & Date Dimensions Weight

Specifications

14°F to +122°F (-10°C to +50°C) Rechargeable Ni-MH / > 6 Hours 115V or 230V: 50/60 Hz AC Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Bagasse mbar, kPa & inH20 8 line graphical LCD Backlit 100 sets of readings 400 sets of readings 150 sets of readings 24 Hour Real Time Clock 7.8" x 3.5" x 2.4" 1.1lbs

Gases	Range	Resolution	Accuracy
Oxygen	0-25%	0.1%	+/- 0.3%
Carbon Monoxide	0-10,000 ppm	1 ppm	+/- 5 ppm or 5%
Carbon Dioxide	0-25%	0.1%	Calculated
CO/CO2 Ratio	0-0.999	0.001	Calculated
Combustion Eff.	0-100%	0.1%	Calculated
Gas Leak Sensor 100-10,000ppm (calibrated to methane)			

Bluetooth module optional

Pressure Measurement

Selectable Ranges mbar, kPa and inH20 -120 inH20 to 120 inH20 Range

Resolution 0.001 inH20 Accuracy +/-0.5% fsd

Temperature Measurement

Input Type K-Type thermocouple

-58°F to 1832°F (-50°C to 1000°C)* Range

Resolution 1°F (1°C)

 $+/-(0.3\% \text{ of } rdg+2^{\circ}F) \text{ or } +/-(0.3\% \text{ of } rdg+1^{\circ}C)$ Accuracy





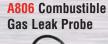


A776 Static Tip (2)

A603 Brass Hose Barb Fitting (2)



A611 Gas Valve **Pressure Adapter**



A791 Adapter tubing





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716 Combustion Analyzer

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Test the TPI Advantage

Using TPI analyzers to determine combustion efficiency at the time of equipment set up minimizes call backs. Analyzers can be used to verify to the home owner the value of service work by showing the increase in equipment efficiency after work is performed. Efficiency calculations can also be used to generate business by demonstrating the need to improve the efficiency of equipment or to show the benefit of purchasing new equipment with higher efficiency.

Gas and Pressure

Inlet Ports

716 To

XAir

HOME

Natural gas

Start

Gas Analyser

200mm x 90mm x 60mm

Infrared Window

Up Arrow Key: Scrolls up and increases values in menus.

Home: Returns the analyzer to the main menu. Charger Socket Thermocouple and USB Port Sockets

OUICK AND SIMPLE SET UP

All TPI analyzers feature quick and simple set up. Fast purge and the ability to perform fuel selection during start up enable tests to be performed quickly without requiring extra set-up time after initial start up. TPI analyzers also use the last selected fuel as the default setting. This feature prevents the need to perform fuel selection every time the analyzer is turned on.

Exhaust Port

Blue Soft Keys:
The function of these keys is shown on the bottom part of the display and changes depending on the menu selected.

Down Arrow Key: Scrolls down and decreases values in menus.

On/Off Key: Turns instrument On and Off

All combustion analyzers come with A787 soft padded carrying case

Back Key: Returns the analyzer to a previous menu level.

