



## FLUE GAS ANALYSER C492D



Year 1  
study

### Features

- The C492 has an optional complex flue gas analyser available, designated C492D. It includes O<sub>2</sub>, CO, NO and SO<sub>2</sub> sensors, with integral printout, and Windows™ software for recording and analysing data away from the unit. It is used instead of the standard Air Analyser supplied with the C492.
- It has its own operating manual, and the software instructions are within the on-screen Help. Always refer to the manufacturer's manual.
- The analyser probe is specified for up to 650°C, but for durations of up to about 3-5 minutes it is capable of operating with the C492, in which temperatures of 850°C may be experienced.
- The C492D analyser can be used in three modes; Standard Mode, PC Logging Mode and Download Mode.

### Description

The C492D Optional Combustion analyser is an advanced unit that is designed primarily for research purposes. The unit has additional sensors to the hand held analyser which is supplied as standard with the C492 base unit.

### Related Laws/Applications

- Building services
- Mechanical Engineering
- Marine engineering
- Chemical engineering
- Mining engineering
- Environmental engineering
- Energy Conservation
- Industrial Research
- Vocational, Plant Maintenance
- Fuel Technology
- Thermodynamics

### Technical Specification

- The C492D analyser can be used in three modes:
- Standard Mode: The probe is placed in the flue elbow and the readings observed on the handset display. A till-roll type printer allows the results to be printed out.
- PC Logging Mode: The Quintox is connected to a PC; and readings are automatically sent to the PC every 10 seconds.
- Download Mode: This is for sending data stored on the Logging handset (at 10 second intervals) to a PC, after the experiments have been completed.
- 16 Tactile keys with sounder
- 4 line backlight LCD
- Rechargeable batteries: 8 hours from full charge, 12 hour charge time

### Essential Ancillaries

- C492/230/B
- (or C492/115/B)

### What's in the Box?

- 1 x Gas Analyser
- 5 x Water Trap Filters
- 2 x Pack Particle Filters
- 1 x Pack Sulphur Filters

### You might also like

- C492A
- C492B
- C492C

### Weights & Dimensions

- Length: 220mm
- Width: 50mm
- Height: 120mm

### Essential Services

- 110-120V AC / 220-240V AC
- C492/230/A or C492/115/A
- C492/230/B or C492/115/B

### Operational Conditions

- Operating temperature range: -10°C to +55°C
- Operating range: 5 to 85%, non condensing

### Ordering information

To order this product, please call PA Hilton quoting the following code:  
C492D

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