Tools HVACR Pros Trust

Declaration of Conformity

Manufacturer:	Fieldpiece Instruments, Inc.
Products Tested:	**Combustion Analyzer**
Applicable Models:	CAT45, CAT45K2, CAT85, CAT85K2
Relevant Standards:	ANSI / BPI-1200-S-2017 Section 7.1.2 CO Measurement Equipment
Standard Requirements:	Equipment/instruments used for flue gas CO measurement shall:

- 7.1.2.1 Be capable of measuring, and displaying digitally, carbon monoxide (CO) levels from 0 to 2,000 parts per million (ppm)
- 7.1.2.2 Be capable of calculating and displaying digitally, CO air free concentrations, or have digital displays of CO as measured and O2 levels to allow manual calculation of CO air free.
- 7.1.2.3 Have a resolution of 1 ppm
- 7.1.2.4 Have an accuracy of +/- 5% of reading or +/-10 ppm, whichever is greater.
- 7.1.2.5 Be equipped internally or externally with a nitric oxide filter (NOx filter)

Product Specifications: CO Test Parameters

- Range: 0 – 4,000ppm
- Best resolution: 1 ppm
- Accuracy: ±10 ppm [0 to 200 ppm], ±5% of reading [201 to 2000 ppm], ±10% of reading [2001 to 4000 ppm]

CO sensor has a built-in NOx filter

Displayed digitally: CO Air Free (calculated), CO and O2 levels

Fieldpiece Instruments, Inc., declares that the product models listed above conform to the relevant parts of the listed standards.

Note:

Units with firmware versions other than 1.x will require a firmware update by Fieldpiece to bring it into conformity.
The Product Specifications listed above supersede applicable specifications listed on the product packaging and documentation.

Armin Bakht

Armin Bakht, Sr. Quality Engineer, Fieldpiece Instruments

Sep 21st, 2023 - Orange, California