

# AFD-510

## GAS DISTRIBUTION PANEL

### Apex Instruments Gas Distribution Panel

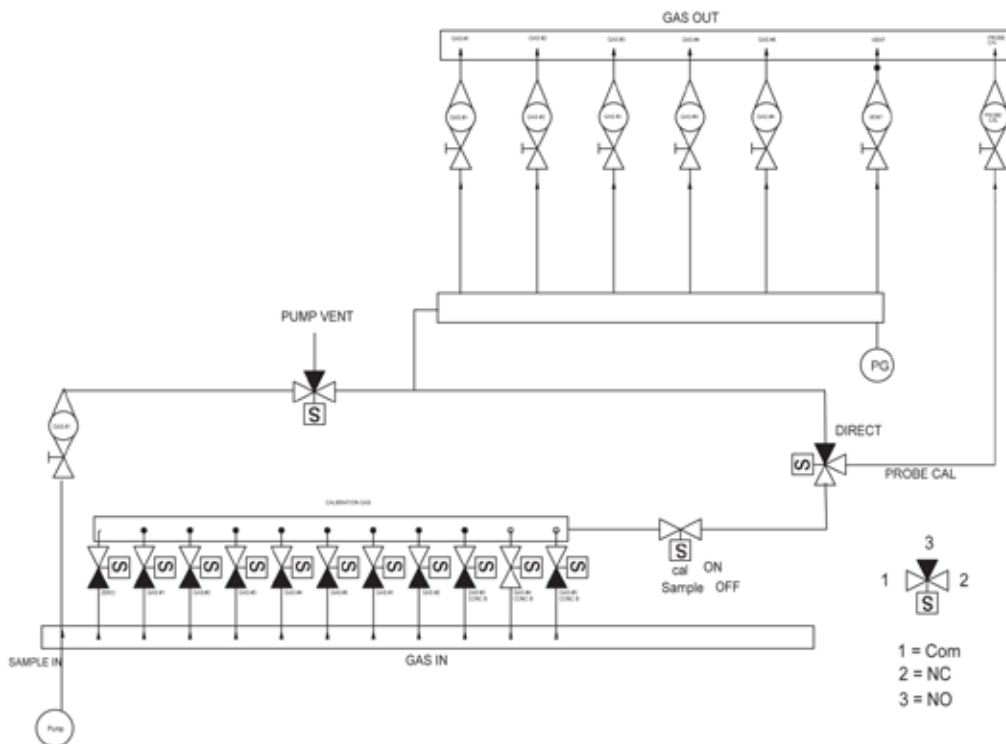
The Apex AFD-510 is designed to be an easy, convenient, and compact way to control the flow of both stack and calibration gases. This new panel can flow gas to either the analyzer bank (Direct calibrations) or the probe (System calibrations), and has both automatic and manual controls. This unit has been designed with simplicity in mind. It has the same common solenoids and a simplified wiring protocol. The calibration gas in use is identified by a LED along with which mode you are in and if you are sampling or calibrating. One big benefit of the Apex Instruments AFD-510 is that in sampling mode all solenoids are at “rest” which greatly extends the life of the unit.



**AFD-510**

### Features

- 11 calibration gas channels (including zero and span)
- 5 output or analyzer channels
- Designed for easy maintenance and repair
- Manual or automatic operation
- 19-inch rack-mountable
- 8 valved rotometers for fine flow control and adjustment
  - 5 analyzer rotometers
  - 1 vent rotometer
  - 1 probe calibration
  - 1 sample flow rotometer



## Specifications

### Input cal-gas channels:

Standard flowmeters:	Sample	1.0-10 LPM
	Vent	1.0-10 LPM

### Output gas channels:

Flowmeter:	0.21-2.5 LPM
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**Voltage:** 110.220 VAC at 50/60 Hz

**Power:** 25 watts

**Mounting dimensions:** 4U, 19" rack mount,  
7 x 19 x 18 inches (H x W x D)

**Weight:** approximately 24 lbs

**Pressure gauge:** 0-15 psi

**Connections:** 1/4-inch stainless steel tube union

