

Model 2020 Portable Zero Air Generator

The Model 2020 Portable Zero Air Source is designed to meet the requirements of clean, dry air for Multi-Gas Dilution Calibrators, reference air for Ozone Primary Standards, Purge air for permeation ovens, supply air for air test chambers and pollutant free air for other laboratory or environmental applications.



The Model 2020 is a portable source for clean, dry air designed to meet a wide range of requirements for the environmental industry. From supplying air for calibration systems to purge air for permeation ovens, the small package size and weight make the Model 2020 the preferred choice for field and audit personnel as well as operating environments with limited bench space.

The Model 2020 uses an internal permeation drying system for moisture removal and is coupled with filter canisters for scrubbing NO, NO₂, O₃, SO₂ and H₂S. Optional features such as the internal carbon monoxide (CO) oxidizer or external hydrocarbon (HC) oxidizer further the Model 2020's clean air capabilities.

Simple straight-forward controls allow local operation from the front panel, with the option to set the purge frequency and duration for optimum performance. Additionally, the unit automatically drains moisture and pressurized air once powered down.

Remote activation is achieved using the air source control port and cable in conjunction with any Sabio calibrator. This exclusive feature allows the user to start and stop the unit as needed to avoid unnecessary run times; increasing pump life and decreasing service.

Specifications

Specifications subject to change without notice

Air Quality	Standard Unit	NO, NO ₂ , O ₃ , SO ₂ , H ₂ S, < 0.5 ppb
	Standard Unit with CO Oxidizer	NO, NO ₂ , O ₃ , SO ₂ , H ₂ S, < 0.5 ppb CO < 5 ppb
Mechanical	Dimensions	6.5 (16.5 cm) H x 13.9 (35.3 cm) W x 15.0 (38.1 cm) D
	Average Weight	23lbs. (10.4 kg.)
Electrical	Standard	120 VAC 60 Hz, 470 VA operation
	Optional	240 VAC, 50 Hz, 340 VA operation
Standard Features	Standard 10 SLPM at 20 psig air delivery	
	Condensate/purge valve that operates both automatically and manually to drain condensate	
	Front panel mounted pressure gauge	
	Front panel mounted adjustable pressure regulator	
	Front panel mounted purge switch	
	Automatic control via contact control or a switched low voltage DC power source	
	Internal moisture removal system	
	Media canisters for removal of NO, NO ₂ , SO ₂ , H ₂ S & O ₃	
	Long-life brushless, oil-free compressor	
	Quiet operation	
Optional Features	Internal or external CO catalytic oxidizer	
	Internal pressure switch for on-demand pump control	
	Output flow meter	
	Dew Point Indicator with LED Indicators	
	Trace Level Scrubbers, clear view	
	High-Impact transport case	

