

Zero air

LNI Schmidlin SA has developed zero air generators (with and without compressor) which fit almost any laboratory requirement for clean air. The GC/ZAS is a typical device used to produce quality air for FID, removing the total hydrocarbons from the inlet air (supplied by external compressed air). The GT/UZAS removes particules, moisture, CO, CO₂, HC, NO_x, SO₂ and O₃ contaminants. The typical flow rates are from 1500Nml/min up to 30000Nml/min. If no compressed air is available, ZAS and UZAS with internal compressor and tank management can be used.



Zero Air Generator

	Models	External compressed air required	HC free < 0.1 ppm CO free < 0.1 ppm
	GC 1500 GC 3000 GC 6000 GC 15000 GC 30000	1500 Nml/min Air up to 9 bar * 3000 Nml/min Air up to 9 bar * 6000 Nml/min Air up to 9 bar * 15000 Nml/min Air up to 9 bar * 30000 Nml/min Air up to 9 bar *	

**if inlet pressure is sufficient*

Ultra Zero Air Generator

	Models	External compressed air required	HC < 0.1 ppm CO < 0.1 ppm CO ₂ < 5 ppm NO _x < 0.1 ppm SO _x < 0.1 ppm
	GT 1500 GT 3000 GT 6000 GT 15000 GT 30000	1500 Nml/min Air up to 9 bar * 3000 Nml/min Air up to 9 bar * 6000 Nml/min Air up to 9 bar * 15000 Nml/min Air up to 9 bar * 30000 Nml/min Air up to 9 bar *	

**if inlet pressure is sufficient*

Zero Air Station

	Models	With internal compressor	HC free < 0.1 ppm CO free < 0.1 ppm DP < -20°C
	ZAS 6 L ZAS 30 L	6000 Nml/min Air up to 6 bar 30000 Nml/min Air up to 6 bar	

Ultra Zero Air Station

	Models	With internal compressor	HC < 0.1 ppm CO < 0.1 ppm CO ₂ < 5 ppm NO _x < 0.1 ppm SO _x < 0.1 ppm DP < -50°C
	UZAS 6 L UZAS 30 L	6000 Nml/min Air up to 5 bar 30000 Nml/min Air up to 5 bar	

Compressed Air Station

	Models	With internal compressor	DP < -20°C
	Mini 1.5 L Air Station 20 L Air Station 40 L	1.5 NI/min Air up to 5 bar 20 NI/min Air up to 6 bar 40 NI/min Air up to 6 bar	

