

## Features:

- Eliminates the need for costly, dangerous, inconvenient nitrogen cylinders in the laboratory
- Compact design frees up valuable laboratory floor space
- Improves signal-to-noise ratio even on non-purge systems
- Recommended and used by most FT-IR manufacturers
- Typical payback period is less than a year.



The Parker/Balston FTIR Purge Gas Generator is specifically designed for use with FTIR Spectrometers to provide a purified purge gas and air bearing gas from compressed air. The Generator supplies carbon dioxide-free air at less than -100°F (-73°C) dew point with no suspended impurities larger than 0.1. The unit is designed to operate continuously 24 hours/day, 7 days/week. The Parker/Balston Purge Gas Generator completely eliminates the inconvenience and the high costs of nitrogen cylinders and dewars, and significantly reduces the costs of operating FTIR instrumentation. The Parker/Balston unit offers cleaner backgrounds in a shorter period of time and more accurate analysis by improving the signal-to-noise ratio. The typical payback period is less than one year. The Generator is also ideally suited for use with CO<sub>2</sub> Analyzers and Matrix GC's in addition to supplying other laboratory instruments.

The Generator is quiet, reliable, and easy to install - simply attach the inlet and outlet air lines (at least 60 psig and 1/4 inch pipe), plug the power cord into a wall outlet, and enjoy trouble-free operation.

Specifications		
	Model 75-45	Model 75-52
<b>Flow Rate for Specified Dew Point</b>		
Inlet Pressure 125psig	36scfh (17lpm)	72scfh (34lpm)
Inlet Pressure 60psig	18scfh (17lpm)	36scfh (34lpm)
<b>CO<sub>2</sub> Concentration</b>	< 1ppm	< 1ppm
<b>Dew Point</b>	-100F (-73°C)	-100F (-73°C)
<b>Min./Max/ Inlet Air Pressure</b>	60 psig/125 psig	60 psig/125 psig
<b>Max. Inlet Air Temperature</b>	78°F (25°C)	78°F (25°C)
<b>Air Consumption for regeneration</b>	30 scfh (lpm)	60 scfh (28lpm)
<b>Inlet Outlet Port Size</b>	1/4" NPT (female)	1/4" NPT (female)
<b>Electrical Requirements</b>	120 VAC/60Hz	120 VAC/60Hz
<b>Dimensions</b>	13"h x 7"w x 6"d	27"h x 9"w x 9"d
<b>Shipping Weight</b>	25 lbs (11 kg)	40 lbs (18 kg)

Part No.	Description	Price
75-45	FTIR Gas Generator	
75-52	FTIR Gas Generator	
MK7505	Maintenance kit for Model 75-45	
MK7552	Maintenance kit for Model 75-52	