Hydrogen

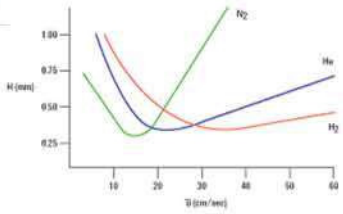
The LNI Schmidlin SA hydrogen generators are economical alternative to high pressure gas cylinders in the laboratories. Purities of up to 99.9999% are available and the generators offer silent operation at pressure up to 10.9 bar (155 PSI).

The generators require just demineralised or distilled water to produce hydrogen. No caustic solution are needed and no cell maintenance is required at all. PG-Plus is the ideal fuel gas for the GC-FID's or as reactor gas for other types of detectors in gas-chromatography. NM-Plus has been designed to replace helium or nitrogen as carrier gas. NM-Plus generator offer important advantages over helium or nitrogen in terms of speed analysis, sensitivity and resolution.

Other hydrogen applications include total hydrogcarbon analyzers, sulfur analyzers and air-pollution monitoring systems. NM-Plus and PG-Plus generators are "No Maintenance" systems wich require little bench space.

NM-Plus

Models	Purity > 99.9999% / 0.5 to 10.9 bar
NM-Plus 100	100 Nml/min of hydrogen
NM-Plus 160	160 Nml/min of hydrogen
NM-Plus 250	250 Nml/min of hydrogen
NM-Plus 300	300 Nml/min of hydrogen
NM-Plus 500	500 Nml/min of hydrogen
NM-Plus 600	600 Nml/min of hydrogen
NM-Plus 1000	1000 Nml/min of hydrogen



PG-Plus

Models	Purity > 99.999% / 0.5 to 10.9 bar
PG-Plus 100	100 Nml/min of hydrogen
PG-Plus 160	160 Nml/min of hydrogen
PG-Plus 250	250 Nml/min of hydrogen
PG-Plus 300	300 Nml/min of hydrogen
PG-Plus 500	500 Nml/min of hydrogen
PG-Plus 600	600 Nml/min of hydrogen

Rapid Oven Cooler

LNI Schmidlin SA ROC system is able to quickly cool down the GC oven temperatures.

Starting from the 400°C the ROC will help the GC oven to reach the 30°C in less than 6 minutes and 20°C in less than 10 minutes, without using CO2 or liquid nitrogen. This makes the ROC a must that will help each laboratory to increase the number of measurements per day and have a higher profitability and return of investments.

Benefits of the ROC:
- Better results from analytical instruments
- Better laboratory efficiency
- Cost saving
- Simple installation