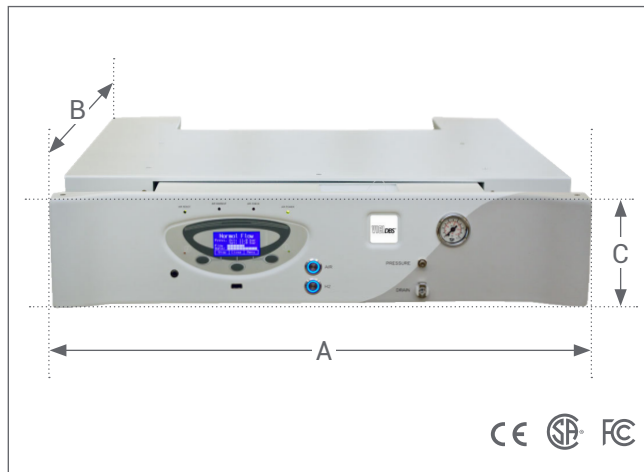


# L A B T E K™ Carrier Grade H<sub>2</sub> & Zero Air Station

## FEATURES

**South-Tek's Station Series' flat design allows for placement under a GC and conveniently produces both carrier grade hydrogen and zero air from one generator.**

- | Ideal for all GC detectors and carrier gas applications
- | H<sub>2</sub> flow rate from 100 to 1000 ml/min
- | H<sub>2</sub> purity of 99.99996%
- | H<sub>2</sub> pressure up to 11 bar (160 psig)
- | Zero Air flow rates 1.8 or 5 lpm
- | Zero Air purity <0.1 ppm
- | Minimal maintenance
- | H<sub>2</sub> and Zero Air in a single solution



## UNIT DETAILS

Carrier Grade H <sub>2</sub> GC Station				
	FID-S NM 100 Plus	FID-S NM 300 Plus	FID-S NM 600 Plus	FID-S NM 1000 Plus
<b>Dimensions</b>				
A (Width)	27.17"			
B (Depth)	26.77"			
C (Height)	6"			
Weight	92 lbs.	92.5 lbs.	95 lbs.	97 lbs.
<b>Unit Details</b>				
Flow ml / min.	100	300	600	1,000
Cascading	Yes (up to 32)			
Membrane	Polymer Electrolyte Membrane (PEM)			
Purity	99.99996%			
Dryer	Exclusive cold dual dynamic regeneration system			
Outlet Pressure	1-160 PSIG / 0.1-11 barg			
Internal Volume	< 50 ml Max Pressure			
Display	Operating parameters, system status, alarms and touchscreen			
LED Indicators	Power on/off, system ready, errors			
Connection	USB mod A			
Options	RS232/RS485 and USB, external contacts, PC software Manage and Control, Intranet			
Water Quality	Deionized or demineralized (<2uS)			
Internal water tank system	7 lt Autorefill included			
Power	110-120 60 Hz / 220-240 50 Hz			
Connections	1/8 Swagelock			
Warranty	2 Year Warranty <sup>1</sup>			

1. Per Manufacturer's Terms & Conditions.

Zero Air Add-On		
Unit Details		
Flow ml/min	1800 ml/min	5000 ml/min
Weight	2 kg	
HC & CO out	< 0.1	
Max CO in	50 ppm	
Max HC in	100 ppm	
Max temp. in	40°C	
Pressure in	4.5-10 bar	
Pressure drop	<1 bar	
Stability	45	
In/out connections	1/4 OD, 1/8 OD	
Power	110-120 60Hz / 220-240 50 Hz	
Working temp.	Amb. +15° C	



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4/2021