

## FEATURES

*South-Tek's Hydrogen & Zero Air Tower Series compact design conserves bench space and conveniently produces both 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 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 Tower								
	FID -T NM 100 plus	FID -T NM 160 plus	FID -T NM 250 plus	FID -T NM 300 plus	FID -T NM 500 plus	FID -T NM 600 plus	FID -T NM 1000 plus	FID -T NM 1350 plus
<b>Dimensions</b>								
A (Width)	5.51"							
B (Depth)	22.84"							
C (Height)	19.29"							
Weight	50 lbs.	53 lbs.	55 lbs.	57 lbs.				
<b>Unit Details</b>								
Flow ml / min.	100	160	250	300	500	600	1,000	1,350
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 touchscreens							
LED indicators	Power on/off, system ready, errors							
Connection	USB mod A							
Options	RS232/RS485 and USB, external contacts, PC software							
Water Quality	Deionized or demineralized (<2uS)							
Internal water tank system	5 lt Autorefill included							
Power	110-120 60 Hz / 220-240 50 Hz							
Connections	1/8 Swagelock							
Warranty	2 Year Warranty <sup>1</sup>							

Zero Air Add-On		
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	

1. Per Manufacturer's Terms & Conditions.