

## FEATURES

**South-Tek's Tower Series' compact design conserves bench space and conveniently produces both FID grade hydrogen and zero air from one generator.**

- | Ideal for all GC detectors
- | H<sub>2</sub> flow rate from 100 to 600 ml/min
- | H<sub>2</sub> purity of 99.9996%
- | 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

FID Grade H <sub>2</sub> GC Tower						
	FID -T PG 100 plus	FID -T PG 160 plus	FID -T PG 250 plus	FID -T PG 300 plus	FID -T PG 500 plus	FID -T PG 600 plus
<b>Dimensions</b>						
A (Width)	5.51"					
B (Depth)	22.84"					
C (Height)	19.29"					
Weight	48.5 lbs.		50 lbs.		53 lbs.	
<b>Unit Details</b>						
Flow ml / min.	100	160	250	300	500	600
Cascading	Yes (up to 32)					
Membrane	Polymer Electrolyte Membrane (PEM)					
Purity	99.9996%					
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					
Options	RS232 / RS485 and USB, autorefill, external contacts, PC control, Intranet					
Water Quality	Deionized or demineralized (<10uS)					
Water quantity	Internal tank volume up to 5lt					
Power	110-120 60 Hz / 220-240 50 Hz					
Connections	1/8 Swagelock					
Warranty	2 Year Warranty <sup>1</sup>					

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	

1. Per Manufacturer's Terms & Conditions.