

# TECHNICAL SPECIFICATIONS

	LMH180	LMH350	LMH520	LMH180PLUS	LMH350PLUS	LMH520PLUS	LMH700PLUS	LMH1000PLUS
<b>▪ GENERAL DATA</b>								
Electrolytic cell	PEM technology							
H <sub>2</sub> purity	>99.9995% <sup>1</sup>			>99.99999% <sup>2</sup>				
Outlet pressure (bar)	8 (115psi)			12 (174psi) - Optional 16 (232psi)				
Max flow rate (cc/min)	180	350	520	180	350	520	700	1000
Dimensions (LxWxH cm)	56x45x19							
Net weight (Kg) (water tank empty)	20		22	20		22		25
<b>▪ COMMUNICATION</b>								
RS232	•	•	•	•	•	•	•	•
RS485	-	-	-	•	•	•	•	•
USB	-	-	-	•	•	•	•	•
<b>▪ SOFTWARE FUNCTIONS</b>								
Parallel mode capability	•	•	•	•	•	•	•	•
Auto refill tank function	•	•	•	•	•	•	•	•
<b>▪ WATER</b>								
Quality	Deionized, ASTM II, <0.1µS							
Internal tank capacity (L)	1.1							
External tank capacity (L)	5 or 10							
<b>▪ ELECTRICAL REQUIREMENTS</b>								
Power supply voltage	100-240V 50/60Hz							
Max power consumption (W)	280	450		280		450	560	
Fuse rating (A)	4	6.3		4		6.3		
<b>▪ CONNECTIONS</b>								
Hydrogen outlet	1/8" Compression Fitting							
Water	Quick release push-in fitting							
<b>▪ OPERATING CONDITIONS</b>								
Temperature (°C)	5 to 35 (41° to 95°F)							
Humidity (°C) (Max, non condensing)	80% at 25 (77°F)							
Noise (dB)	<25							
IP rating	20							

<sup>1</sup>Referred to O<sub>2</sub>, DewPoint < -50°C - <sup>2</sup>Referred to O<sub>2</sub>, DewPoint < -75°C