

TECHNICAL SPECIFICATIONS

	LMH180	LMH350	LMH520	LMH180PLUS	LMH350PLUS	LMH520PLUS	LMH700PLUS	LMH1000PLUS
▪ GENERAL DATA								
Electrolytic cell	PEM technology							
H ₂ purity	>99.9995% ¹			>99.99999% ²				
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
▪ COMMUNICATION								
RS232	•	•	•	•	•	•	•	•
RS485	-	-	-	•	•	•	•	•
USB	-	-	-	•	•	•	•	•
▪ SOFTWARE FUNCTIONS								
Parallel mode capability	•	•	•	•	•	•	•	•
Auto refill tank function	•	•	•	•	•	•	•	•
▪ WATER								
Quality	Deionized, ASTM II, <0.1µS							
Internal tank capacity (L)	1.1							
External tank capacity (L)	5 or 10							
▪ ELECTRICAL REQUIREMENTS								
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
▪ CONNECTIONS								
Hydrogen outlet	1/8" Compression Fitting							
Water	Quick release push-in fitting							
▪ OPERATING CONDITIONS								
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							

¹Referred to O₂, DewPoint < -50°C - ²Referred to O₂, DewPoint < -75°C