

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	8bars (115psi)			12bars (174psi) - Optional 16bars (232psi)				
Max flow rate (cc/min)	180	350	520	180	350	520	700	1000
Dimensions (HxWxD mm)	185x445x560							
Net weight (water tank empty)	20Kg		22Kg	20Kg		22Kg		25Kg
▪ COMMUNICATION								
RS232	•	•	•	•	•	•	•	•
RS485	-	-	-	•	•	•	•	•
USB	-	-	-	•	•	•	•	•
▪ SOFTWARE FUNCTIONS								
Parallel mode capability	•	•	•	•	•	•	•	•
Auto refill tank function	•	•	•	•	•	•	•	•
▪ WATER								
Quality	Deionized,ASTM II, <0.1µS							
Internal tank capacity	1,1L							
External tank capacity	5 or 10L							
▪ ELECTRICAL REQUIREMENTS								
Power supply voltage	100-240V 50/60Hz							
Max power consumption	280W		450W	280W		450W	560W	
Fuse rating	4A		6,3A	4A		6,3A		
▪ CONNECTIONS								
Hydrogen outlet	1/8" compression fitting							
Water	Quick release push-in fitting							
▪ OPERATING CONDITIONS								
Temperature	5° to 35°C (41° to 95°F)							
Humidity (Max, non condensing)	80% at 25°C (77°F)							
Noise	<25dB							
IP rating	IP20							

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