

# TECHNICAL SPECIFICATIONS

LMH180

LMH350

LMH520

LMH180PLUS

LMH350PLUS

LMH520PLUS

LMH700PLUS

LMH1000PLUS

LMH1200PLUS

## GENERAL DATA

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	1200
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								

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