



Metal Hybride Tanks

SPECIFICATION

Ref.	Min. Storage Capacity	Discharge Pressure	Flowrate (@25°C)	Water heat exchanger	Dimensions	Gross weight	Life cycle
MH10	10 NL	2 bar	0.1 NL/min	No	ø19xL82 mm	112 g	> 2000
MH20	20 NL	2 bar	0.5 NL/min	No	ø20xL158 mm	350 g	> 2000
MH150	150 NL	3 bar	0.5 NL/min	No	ø54xL180 mm	1.6 kg	> 2000
MH300a	300 NL	3 bar	2-3 NL/min	No	ø47xL360 mm	3 kg	> 2000
MH300b	300 NL	3 bar	2 NL/min	No	ø59xL230 mm	3 kg	> 2000
MH500	500 NL	3 bar	3 NL/min	No	ø59xL370 mm	5 kg	> 2000
MH600	600 NL	3 bar	3 NL/min	No	50x105x420 mm	6.5 kg	> 2000
MH1500	1.5 Nm ³	5 to 2 bar (H) 10 to 2 bar (L)	4 NL/min	No	ø145xL284 mm	12 kg	> 5000
MH2000	2 Nm ³	3 bar	4 NL/min (air) 30 NL/min (water)	No	480x180x180 mm	25 kg	> 2000
MH5000	5 Nm ³	5 to 2 bar (H) 10 to 2 bar (L)	25 NL/min (water)	Yes	ø169xL1100 mm	76 kg	> 5000
MH7000	7 Nm ³	5 to 2 bar (H) 10 to 2 bar (L)	25 NL/min (water)	Yes	ø169xL1650 mm	98 kg	> 5000
MH10000	10 Nm ³	3 bar	20 NL/min (air) 80 NL/min (water)	No	755x430x395 mm	150 kg	> 2000

* For hydrogen purity ≥ 99,95%

Pragma Industries can provide larger metal hydride tanks under client's specifications. Ask for a quotation.

SPARE PARTS

Pressure regulator

Inlet pressure 0-12 barg
Outlet pressure : adjustable 0-2.5 barg
Gas connector: 4mmOD



Manuel valve

Small design
Gas connector: 4mmOD



Electronic micro valve

Can be set in normally closed or normally open modes
For 4mmOD flexible tubes
Dimensions: 32x12x7mm / Weight: 6g



Gas tube fittings

Quick coupling fittings
4mmOD to 10mmOD
Tees, unions, reduction unions, manifold...



Connectors

Quick coupling connectors
For MH10 to MH10000

