

1 ltr Shaker Hydrogenator



Model	SM 2282	SG 2260
Design pressure	20 bar	3 bar
Design temperature	200°C	150°C
Material of Construction	SS316 vessel	Glass vessel
Drive	½ hp, ex-proof IIA/IIB AC motor with variable speed drive panel for 20-200 oscillations/ minute rocking	
Gas cylinder	4 ltr. Cap. Gas cylinder of SS-304 with inlet, outlet valves, pressure safety valve, pressure gauge & flexible hose with NRV to feed gas into the vessel while in motion.	
Standard fittings	Vent Valve, dip tube with sampling valve, 2" opening on top for powder/ liquid inlet & cleaning, thermowell, pressure safety valve	
Power supply	1φ, 220V AC, 50/ 60 Hz	
Mounting	Table Top	

Note:
1- SS Wire grid (for glass vessel only)

Enquiry guide for customized 1 ltr models



Enquiry code model is **Standard Model no-A-B-C-D-E-F-G-H** where A, B, C, D, E, F, G, H options can be selected from the below tables. The below options will be in place of standard supply.

Options

A	Material of Construction	
Hastelloy C276		HC6

B	Mounting & Overall Dimensions (W x D x H)	
Floor Stand	850 x 700 x 1300	FS

C	Heating Style	
Electric band heater		EC
Electrical ex-proof, IIB + H ₂		EA

D	Motor Type	
¼ hp Ex-Proof gas group IIC (Zone 1)		XC
¼ hp Ex-Proof CE ATEX certified II 2G Ex de IIC T4		AZ
¼ hp Ex-Proof CE ATEX certified Class 1 Div 2 group A, B, C, D		CD

E	Control Panel	
SS control panel PID temperature controller		STD
Ex-Proof gas group IIC zone 1 certified		F2C
Touch Screen		TSP

F	Certifications	
CE marked panel & electrical parts		ECE
UL / CSA marked panel & electrical parts		USC

G	Interchangeable metal vessels*	
Interchangeable metal vessels 100 ml		M13
Interchangeable metal vessels 500 ml		M21
Interchangeable metal vessels 1 ltr		M23
Interchangeable metal vessels 2 ltr		M24

H	Interchangeable glass vessels*	
Interchangeable glass vessels 100 ml		G13
Interchangeable glass vessels 500 ml		G21
Interchangeable glass vessels 1 ltr		G23
Interchangeable glass vessels 2 ltr		G24

Note:

1) Customer is advised to select best suited options for most optimized price & delivery.

2) All above options may not be available / possible with all models.

3) Customization of volume, material, pressure, temperature etc. may be possible on request

4) Different power supply options may be possible on request.

5) Overall dimensions are indicative, they may change depending on the optional accessories or specific design modifications opted.

*Multiple options can be selected for one unit.