

# 500 ml Shaker Hydrogenator



Model	SM 2082	SG 2060
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 500 ml 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 <sub>2</sub>	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.