Customer Enquiry Sheet for *The GansCoater®*



Customer Information	
Name of the Company	
HO/Factory Address	
Telephone number (With Ext)	
Company Email address	
Name of the responsible Person/s	
Designation	
Mobile number	
Email address of the concerned Person/s	
Date of Enquiry	

Application and Equipment Information (Tick wherever appropriate)		
1	Industry	☐ Food ☐ Pharmaceutical ☐ Chemical ☐ If any other, please specify
2	Requirement	☐ R&D ☐ Pilot ☐ Production
3	Product Batch Size (Assist in suggesting a suitable Ganscoater model for coating application)	Minimum: _____kg Maximum: _____kg
4	No of batches/lots per day	_____
5	Product to be coated	☐ Tablets ☐ Pellets ☐ Mini tablets Minimum size (mm)_____ Maximum size (mm)_____ ☐ Hard gelatin capsules ☐ Soft gelatin capsules
6	Product Characteristics	☐ Product hardness _____kg/cm^2 ☐ Shape _____ ☐ Size _____mm ☐ Friability _____% ☐ Density _____

Gansons

7	Target weight build up	_____% w/w
8	Type of coating	☐ Sugar Coating ☐ Film coating • Functional coating o Moisture protection o Enteric coating o Controlled release coating • Non-functional coating o Taste masking o Odour masking o Colour identification o Pearly appearance
9	Tablet coating base (Assist in estimation of coating process parameters)	☐ Aqueous ☐ Non-aqueous ☐ Hydro-alcoholic ☐ Drug layering
10	Ambient air temperature and humidity in different seasons	☐ Winter_____ ☐ Summer_____ ☐ Monsoon_____
11	Is the product light sensitive	☐ Yes ☐ No
12	Is the machine required to comply with the requirements in adjacent column?	☐ FLP ☐ ATEX
13	Control requirements	☐ HMI ☐ IPC Size of the screen _____inches
14	Size of the room in which machine will be placed	L_____ m X W_____ m X H_____ m

Gansons

15	Spray gun nozzle size	☐ For R&D only • 0.7 mm • 0.8 mm • 0.9 mm ☐ For pilot/production only • 1 mm • 1.2 mm • 1.5 mm
16	Suspension holding tank OR suspension preparation tank required?	☐ Yes ☐ No If yes, which type? ☐ Suspension holding tank ☐ Suspension preparation tank Types of above ☐ Electrical ☐ Pneumatic
17	Technical area present	☐ Behind wall ☐ Service floor
18	Desired temperature range for air handling unit (AHU) (Standard range is ambient to 95°C)	☐ Minimum_____ ☐ Maximum_____
19	Desired parameters (For AHU)	☐ Temperature _____ ☐ % Relative humidity (RH) _____ ☐ Dew point _____
20	Desired mode of heating	☐ Steam heating ☐ Electric heating

Gansons

21	Size of the room in which AHU will be placed	L_____ m X W_____ m X H_____ m
22	Does any product require humidification	☐ Yes ☐ No
23	Type of dehumidification system	☐ Chilled water ☐ Dessicant ☐ Refrigerant ☐ Brine
24	Exhaust system	☐ Wet scrubber ☐ Dust collector
25	Should the wet scrubber water filling/draining be controlled through PLC?	☐ Yes ☐ No
26	Electrical Requirement	☐ _____Volts ☐ _____Phase ☐ _____Hertz
27	OEL/OEB (For potent drugs)	_____$\mu g/m^3$
28	Automation requirements 1. PID (Feedback control) required for 2. Parameters to appear/ recorded/monitored in HMI/IPC (Tick all those are required)	☐ Inlet temperature ☐ Air flow ☐ Pan DP ☐ Spray Rate ☐ Inlet HEPA Filter differential pressure • In mm • Inch of WC ☐ Exhaust HEPA differential pressure (If applicable) ☐ Dew Point (in °C) ☐ Absolute Humidity • gm/kg

GenSons

		• gm/lb ☐ Airflow • CFM • CMH ☐ Relative humidity (in %) ☐ Spray rate (in gm/min) ☐ Atomization air pressure • kg/cm^2 • bar ☐ Fan Air pressure • kg/cm^2 • bar ☐ Pan differential pressure • In mm • Inch of WC ☐ Sensor for gun blockage ☐ Nozzle to bed distance
29	21 CFR Part 11 / SCADA compliant	☐ Yes ☐ No
30	If any other requirement, please specify	
31	Is material available for trial?	☐ Yes ☐ No
32	Are there any issues faced by you in the current coating process?	☐ Yes ☐ No If yes, please specify

Gansons

Abbreviations

FLP- Flameproof

ATEX-The European Regulatory Framework for Manufacture, Installation & use of Equipment in Explosive Atmospheres

HMI-Human Machine Interface

IPC-Industrial Personal Computer

Compressed Air-instrument Grade (Dry Air-Post Desiccant)

Atomising Air- Medical Grade (Dry Air-Post Desiccant)

AHU-Air Handling Unit

OEL- Occupational Exposure Limit

OEB- Occupational Exposure Band

Steam: - saturated steam @3-3.5bar is required.

Chilled water temperature 6-8 ^{0}C

Chilled Brine temperature less than/equal to 2^{0}C

Gansons