



REINETTE PHARMATECH PVT.LTD.

DESIGNER & MANUFACTURE OF PHARMACEUTICALS PLANT AND MACHINERY & SUPPLYING OF AN ALL-ENCOMPASSING GAMUT OF PHARMACEUTICALS EQUIPMENT. Email: info@reinettepharmatech.com

Add: Plot No 47, Sector 8A, IIE Sidcul, Haridwar (U.K)

Website: www.reinettepharmatech.com, Email: sales@reinettepharmatech.com

Ref No: RPPL/341/2022-23

QUOTATION

Date: 01/11/2022

To,

M/S PARRISH PHARMACEUTICALS PVT.LTD.

Add: PLOT NO. 50, SECTOR -8A,IIE ,SIDCUL HARIDWAR- 249408

Subject – Syrup Manufacturing Plant 2000 Ltrs.

Kindly Attn: Mr.Ravikant ji

Dear Sir,

We hope you will find this offer competitive and in line with your requirement and look forward to receiving your valuable order

2000 liters Liquid Manufacturing Plant



Reinette
Pharmatech Pvt. Ltd.



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Salient Features:

SS 316 contact parts	
Gross capacity in liters	: 2300 Liters
Working capacity in liter	: 2000 Liters
Heating Media	: Electric Heated

TECHNICAL SPECIFICATIONS:

1. SUGAR DISSOLVING VESSEL- 1500 Litter: 1 No

Gross Capacity in Liters	1700 Litter
Working Capacity in Liters	1500 Litter
Mixing Vessel Type	Electric Heated, Insulated, Vertical, with Bottom stirrer
Vessel's Inner shell Thickness	5mm SS 316 MOC
Vessel's Bottom Disc Thickness	5 mm SS 316 MOC
Vessel's Top Disc Thickness	5 mm SS 316 MOC
Top and Bottom Dish	Top and Bottom Torrispherical Dish
Vessel's Jacket Material Thickness	4mm SS 304 MOC
Jacket Insulation Thickness	50 mm Thick Fibber Glass wool Material Insulation
Jacket Insulation Cover Thickness	2 mm SS 304 MOC
Product contact parts MOC	Stainless Steel 316L Quality
Non-Contact Parts	Stainless Steel 304 Quality
Finishing Product contact	Mirror- 220 Grit
Finishing Product Non-contact	Matt-180 Grit
Temperature Controller	PT 100 Sensor
Temperature Indicator	Digital
Jacket	Design Pressure 4.0 Kg /cm ² Hydraulic Test Pressure 4.0 Kg /cm ² Working Pressure 2.0 Kg /cm ²
Mixing stirrer	Bottom type stirrer
Blade MOC	S.S.316L
Mixing Mounting	Bottom Entry
Mixing stirrer Drive	Motor
Mixing stirrer motor	10HP/ 3phase
Mixing stirrer speed	100 TO 1400 RPM By VFD.
Heater	Water Heater 6KW 06 Nos 3phase (Make Ajay Heater)
Vessel's bottom support	04 Nos. of SS 304 pipe legs, pipe 125 mm X 3 mm thickness



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Connection Top Disc.	Dia. 450 mm man hole with hinged lid. Dia. 100 mm Light glass-toughen glass with light shed. Dia. 150 mm eye glass –toughen glass window at lid cover Dia. 38 mm tricolve connection for Inlet Dia. 38 mm tricolve connection for Extra Dia. 38 mm tricolve connection for CIP wash with Rotary spray nozzle Dia. 12.5 mm for pressure gauge
Inside Shell	Baffles -3 nos. to break of vertex inside the vessel. Monkey type SS 316L Ladder is provided inside the vessel
Connection on Bottom disc.	Discharge with 50 mm dia. Tc ball Valve
Vessel's Jacket Connection	40 BSP Cooling Water Inlet 40 BSP Cooling water Outlet.

Motor Make	Crompton/BBL/Havels
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2. FILTER PRESS - Zero Hold Up 14" X 10" :1 No.

THE STRUCTURE:

Zero Hold Up Design Filter –Single Pass with Multi Plate Filter, Here the direction of flow of liquid is exactly opposite to the flow in standard filter i.e. the impure liquid to be filtered enters the filter from the bottom into the center channel & goes to the top of each plate. The clear filtrate flows out from openings on side of plates to the shell & then to the outlet. This flow ensure almost 100% filtration of the liquid which is not so with the standard flow type.

14"Dia x 10 Plates mounted on trolley with S.S. 316 Centrifugal pump drive with scavenger's plate arrangement for last point filtration.

SALIENT FEATURES:

- Used: For filtering syrup with 5 micron and the Filter Press is fitted between syrup
- Manufacturing vessel and storage vessel through on line Homogenizer.
- Design confirming to latest CGMP norms.
- All the contact parts are of SS 316 and non-contact parts will be made from SS 304.



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- Complete filtration of the batch without any hold up due to reverse flow of liquid hence large
- Saving in time & cost.
- Back wash facility can be provided for continuous operations.
- No scavenger arrangement required.
- The cake, filtered & solids remain totally enclosed allowing filtration of toxic, hazardous &
- Explosive liquids.
- Provision for sampling and bypass.
- No contamination of internal surface of shell.
- The top dome structure ensures fast & easy removal of cartridge assembly & cleaning of cake.
- Pressure Gauge in S.S. 316
- Type: Zero hold up 10 Nos. plate.
- Dia. of Plate: 14"x No. of plate 10nos.
- Filtration: 5 micron
- Filter media: Teflon filter
- Capacity: 1500 liters per hour.
- Motor: 2 HP / 2800 RPM/ 3 Phase/ 430 volt/ 50 Hz/TEFC
- Connection: Dia. 40 mm triclove for inlet and outlet.

TECHNICAL SPECIFICATIONS:

MODEL	RPPL- 14
Make	Tech fit
Diameter of plates	14"
No of plates	10 plates
Flow rate per hour	1500 Liters / hour
Height of plate	35 mm
Shell thickness	3 mm
Filtering area m ²	0.91 m ²
Cake holding capacity (Liter)	28 Liter



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Size of pump	1 ½” Centrifugal
Motor HP	2 HP/ 1.5 Kw / 380 v / 50 Hz/TEFC
Contact Parts MOC	S.S.316L Quality.
Gasket	Silicon food grade
Trolley MOC	S.S.304. Quality.
Shaft Seal	Single cartridge Type mechanical seal

3. MANUFACTURING VESSEL-2000 LTRS 1 NO

Gross Capacity in Litters	2300 Litter
Working Capacity in Litters	2000 Litter
Mixing Vessel Type	Electric Heated, Insulated, Vertical, with Bottom stirrer and leg mounting
Vessel's Inner shell Thickness	4mm SS 316L MOC
Vessel's Bottom Disc Thickness	4 mm SS 316L MOC
Vessel's Top Disc Thickness	4 mm SS 316L MOC
Top and Bottom Torrispherical	Top and Bottom Torrispherical Dish
Vessel's Jacket Material Thickness	4mm SS 304 MOC
Jacket Insulation Thickness	50 mm Thick Fibber Glass wool Material Insulation
Jacket Insulation Cover Thickness	2 mm SS 304 MOC
Heating Media	Electric Heated
Product contact parts MOC	Stainless Steel 316L Quality
Non-Contact Parts	Stainless Steel 304 Quality
Finishing Product contact	Mirror- 220 Grit
Finishing Product Non-contact	Matt-180 Grit
Temperature Controller	PT 100 Sensor
Temperature Indicator	Digital

Jacket	Design Pressure 4.0 Kg /cm ²
	Hydraulic Test Pressure 4 Kg /cm ²
	Working Pressure 2.0 Kg /cm ²
Mixing stirrer	Bottom type stirrer
Blade MOC	SS.316L
Mixing Mounting	Bottom Entry
Mixing stirrer Drive	Motor
Mixing stirrer motor	10HP 3 phase
Mixing stirrer speed	500 TO 1400 RPM BY VFD.
Mixing Mounting	Bottom entry



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Mixing homogenizer	10 HP/ 7.45 KW/ 3 phase/TEFC
Vessel's bottom support	04 Nos. of SS 304 pipe legs, pipe 125 mm X 3 mm thickness
Connection Top Disc.	Dia. 450 mm man hole with hinged lid. Dia. 100 mm Light glass-toughen glass with light shed. Dia. 150 mm eye glass –toughen glass window at lid cover Dia. 38 mm tricolve connection for Inlet Dia. 65 mm tricolve connection for Sugar inlet by vacuum Dia. 50 mm tricolve connection for vacuum to vacuum Pump Dia. 38 mm tricolve connection for Extra Dia. 38 mm tricolve connection for CIP wash with Rotary spray nozzle Dia. 12.5 mm for pressure gauge
Connection on Bottom disc.	Discharge with 50 mm dia. TC ball Valve 01 nos ,
Vessel's Jacket Connection	40 BSP Steam inlet with Pressure gauge and Safety Valve. 40 BSP Cooling Water Inlet 40 BSP Cooling water Outlet.

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4. STORAGE VESSEL 2000 Liter:

Gross Capacity in Liters	2300 Liter
Working Capacity in Liters	2000 Liter
Mixing Vessel Type	Plain, Vertical, with Bottom stirrer and legs
Vessel's Inner shell Thickness	4 mm SS 316L MOC
Vessel's Bottom Disc Thickness	4 mm SS 316L MOC
Vessel's Top Disc Thickness	4 mm SS 316L MOC
Top and Bottom	Torrisspherical Dish end type
Product contact parts MOC	Stainless Steel 316L Quality
Non Contact Parts	Stainless Steel 304 Quality
Finishing Product contact	Mirror- 220 Grit
Finishing Product Non contact	Matt-180 Grit
Mixing stirrer	Propeller type
Rotor & Stator MOC	S.S.316L
Mixing Mounting	Bottom Entry
Mixing stirrer Drive	Motor
Mixing stirrer motor	10HP/3phase
Motor Make	Crompton/BBL/Havels
Mixing stirrer speed	500 TO 1400 RPM BY VFD
Vessel's bottom support	04 Nos. of SS 304 pipe legs, pipe 125 mm X 3 mm thickness
Connection Top Disc.	Dia. 450 mm man hole with hinged lid. Dia. 100 mm Light glass-toughen glass with light shed. Dia. 150 mm eye glass –toughen glass Dia. 38 mm tricolve connection for extra. Dia. 50 mm tricolve connection for vacuum to vacuum Pump Dia. 38 mm tricolve connection for CIP wash with Rotary spray ball.

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5. TRANSFER PUMP:

- Used: The transfer pump is used for transfer syrup from storage vessel to Syrup buffer
- Tank at filling machine.
- Capacity: 2000 liter per hour. (Water)
- Motor: 3 HP / 2800 RPM/ 3 Phase/ 380 volt/ 50 Hz/TEFC
- Connection: Dia. 38 mm triclove for inlet and outlet.
- Seal: Single cartridge Type mechanical seal
- Contact Parts: SS 316L
- Pump Mounting: On Trolley.
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6. MANUFACTURING VESSEL CAPACITY 500LTR.

Salient Features:

SS 316 contact parts	
Gross capacity in liters	: 650 Litters
Working capacity in litter	: 500 Litters
Heating Media	: Electric Heated

TECHNICAL SPECIFICATIONS:

MANUFACTURING VESSEL- 500 Litter: 1 No

Gross Capacity in Litters	650 Litter
Working Capacity in Litters	500 Litter
Mixing Vessel Type	Electric Heated, Insulated, Vertical, with Bottom stirrer
Vessel's Inner shell Thickness	4mm SS 316 MOC
Vessel's Bottom Disc Thickness	4 mm SS 316 MOC
Vessel's Top Disc Thickness	4 mm SS 316 MOC
Top and Bottom Dish	Top and Bottom Torrispherical Dish
Vessel's Jacket Material Thickness	4mm SS 304 MOC
Jacket Insulation Thickness	50 mm Thick Fibber Glass wool Material Insulation
Jacket Insulation Cover Thickness	2 mm SS 304 MOC
Product contact parts MOC	Stainless Steel 316L Quality



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Non-Contact Parts	Stainless Steel 304 Quality
Finishing Product contact	Mirror- 220 Grit
Finishing Product Non-contact	Matt-180 Grit
Temperature Controller	PT 100 Sensor
Temperature Indicator	Digital
Jacket	Design Pressure 4.0 Kg /cm ²
	Hydraulic Test Pressure 4.0 Kg /cm ²
	Working Pressure 2.0 Kg /cm ²
Mixing stirrer	Bottom type stirrer
Blade MOC	S.S.316L
Mixing Mounting	Bottom Entry
Mixing stirrer Drive	Motor
Mixing stirrer motor	5HP/ 3phase
Mixing stirrer speed	100 TO 1400 RPM By VFD.
Heater	Water heater 6kw 6 nos (Ajay heater make)
Vessel's bottom support	04 Nos. of SS 304 pipe legs, pipe 125 mm X 3 mm thickness
Connection Top Disc.	Dia. 450 mm man hole with hinged lid. Dia. 100 mm Light glass-toughen glass with light shed. Dia. 150 mm eye glass –toughen glass window at lid cover Dia. 38 mm tricolve connection for Inlet Dia. 38 mm tricolve connection for Extra Dia. 38 mm tricolve connection for CIP wash with Rotary spray nozzle Dia. 12.5 mm for pressure gauge
Connection on Bottom disc.	Discharge with 50 mm dia. Tc ball Valve

Motor Make	Crompton/BBL/Havels
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9. Inline Homoznzer 5hp with Base frame

10.Suger syrup Basket Filter

11. Gear Pups 1Hp with Trolley



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7.INTERCONNECTING PIPELINE:

8.WORKING PLATFORM:

Suitable for Mfg. vessel, Melting vessel and Storage vessel.

Complete with S.S. Dimpled plates and S.S. 304 railing. Working Platform will have 1000mm ladder on one side.

All construction in S.S. 304 grade material
STD Control Panel All Tanks 01 Nos

Price of Liquid Syrup Manufacturing plant 3000 Litters working capacity

Rate Rs. 4500,000.00/-

TERM & CONDITION:

Taxes : GST @ 18 % Extra.

Forwarding Charge : Client's Account or as applicable.

Delivery : 8 - 9 Weeks from date of receipt of technically & commercially clear order along with Advance.

Payment Terms : 50 % Advance along with PO.

Validity : 50 % against PI.
: 3 days.

Please feel free to contact us for any technical and commercial clarifications.

Thanking You,

For **REINETTE PHARMATECH PVT LTD**

Mr. Pintu Chauhan

Mobile- +91-9759600291

Email- sales@reinettepharmatech.com