



NITROGEN INERT LOOP

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TECHNICAL SPECIFICATIONS OF NITROGEN INERT LOOP



Closed Loop System (inert Loop) With Condensation System (-25°C).

Special Purpose Oxygen Analyzer With Imported Electro Chemical Sensor For Monitoring The Oxygen %.

To Evade Oxidation / Degradation Of Ingredients.

Controlled Through Plc Controls Via Rs-485 Port & Safety Interlocks For Heater & Feed Pump Linked With Plc.

Condensing & Collecting The Solvent Vapours / Solvent Condensate Respectively.

Model	Inert Loop
Suitable for	All solvents / Water based feeds
Inert gas to be used	Nitrogen - 99% pure
Condensation System	Consists of refrigeration compressor, chiller, condenser with solvent condensate drain system
O2 % monitor / sampler	O2 analyser transmitter
Controls & Safeties for condensation system	HP cut off switch Anti defrosting cut off
Power supply	230V AC 50 Hz Single Phase
Max. Current drawn	10 Amps
Dimensions (L X W X H)	650mm X 650mm X 1200mm
Weight	120 Kg

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Instruments
technological essentials