

SAHARANPUR TESTING INSTRUMENTS PVT LTD

(Manufacturers and Suppliers of all Kind of Pulp and Paper Testing Instruments)

SIX AUTOCLAVE BOMB DIGESTER WITH COMPLETE ACCESSORIES

TECHNICAL SPECIFICATION



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| Polyglycol Heating chamber | stainless steel double jacketed thermally insulated container, with easy lid opening and locking mechanism |
| Autoclaves volume | 6 number 2.5 liter and suitable for 300-350 g bone dry wood |
| MOC | SS316 L and rotating in a polyglycol 900 bath |
| Heating elements: | 2 No's , 7.5 kW each with PID digital temp control to provide precise heating at temp peak point to select ramp control during cooking |
| Temperature control range: | PID type temp controller with Ramp selection to select several temp range and time interval ambient to 350 °C with overheating temp protection with alarm indication |
| Temp of glycol bath and bombs can be check separately | |
| Maximum working pressure: | 20 Kg/cm ² . |
| Test pressure: | 30 Kg/cm ² |
| Safety valve | Make fainger Specially suitable for paper industries raw material |
| Drum rotation: | 2.8 rpm. |
| Normal working temperature: | 170 °C. |

Glycol volume required: 90 Liter at customer scope
Chemical Recovery stainless Glycol recovery system using double jacketed column with cooling water recirculation.
Power supply: 400-440 V, 3 Phase, 17 kW
Provision for taking samples

Autoclave and the parts which come into contact with cooking liquor are made of stainless steel.
Digester provided with Digital Temperature Indicator cum controller, Pressure indicator, Safety Valve and sampling valve.

Cooling water tray and bomb opening cabinet for filling and opening after cooking .

Option:

Complete attachment for oxygen injection to the autoclave with NRV and other safety valves

Manufactured by

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