

Product Name :
Automated Solid Liquid Extraction Pilot Plant

Product Code :
Chemical0024



Description :

Automated Solid Liquid Extraction Pilot Plant

Technical Specification :

Automated Solid Liquid Extraction Pilot Plant **Specifications:**

- Extraction Column, 1,000mm With PTFE Archimedean Screw.
- Hopper For Storing The Solid Material With A Capacity Of 2 Litres.

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- Geared Motor For The Feeding Archimedean Screw With A Speed Of 0 To 20 Rpm
 - Geared Motor For The Transporting Archimedean Screw With A Speed Of 0 To 10 Rpm.
 - 2x Programmable Timers For Starting And Stopping Times For The Feeding Archimedean Screw
 - Tank For Storing The Solvent With A Capacity Of 10 Litres.
 - Tank For Storing The Extracted Product With A Capacity Of 10 Litres
 - Tank For Storing The Waste Solid Material With A Capacity Of 10 Litre
 - 3x Thermocouple With PT100 Probe Protected By Stainless Steel Shield Sleeves
 - 3x Electronic Temperature Indicators.
 - 3x Automated Pneumatic Control Devices.
 - Thyristor Controlled Electric Heating Unit.
 - Electrical Control Panel In Main Cabinet
 - Emergency Stop Button
 - Microprocessor Digital PID Controller With Serial Card

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