

Product Name :
Automated Solid Liquid Extraction Pilot Plant

Product Code :
NLAB-ENGINEERINGLB36027



Description :

Automated Solid Liquid Extraction Pilot Plant

Technical Specification :

Tank for storing the waste solid material with a capacity of 10 litre

3x thermocouple with probe protected by stainless steel shield sleeves

3x electronic temperature indicators.

Extraction column, 1,000mm with PTFE archimedean screw.

Hopper for storing the solid material with a capacity of 2 litres.

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.

The electrical control panel in the main cabinet

Emergency stop button

Microprocessor digital PID controller with a serial card

Tank for storing the extracted product with a capacity of 10 litres

3x automated pneumatic control devices.

Thyristor controlled electric heating unit.

We are well-known manufacturers, OEM suppliers of Automated Solid Liquid Extraction Pilot Plant for Chemical Engineering Lab Equipments. Contact us for high quality Automated Solid Liquid Extraction Pilot Plant for Chemical Engineering Lab Equipments for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.

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