



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

AUTOMATIC CENTRIFUGAL EXTRACTOR



Fully automatic testing cycle:

- Sieving
- Centrifuge extraction
- Solvent recovery

The basic automatic bitumen extractor machine comprises:

- A sieving unit with solvent spraying nozzle to separate and wash out the asphalt sample capacity 7 sieves 200 mm dia.
- A filter less centrifuge to separate the filler from the solvent and bitumen solution.
- A solvent recovery unit to recover the solvent.

The apparatus is supplied complete with a separate electric control panel and three spare cups for the extraction centrifuge

- Max. quantity of asphalt per extraction: 3.5 kg
- Max. quantity of filler: 300-400 g
- Time required for a complete extraction: from 25 to 45 min
- Max. solvent recovery capacity: from 40 to 50 L/H
- Rotating speed: 12000 RPM

Technical Specification

- Capacity : 1000g~1500g
- Extracting Precision : ≤0.1%
- Extracting Time : (25~45)minutes per test
- Centrifuging Speed : 12000 RPM
- Working Environment : (5~40)°C,RH<80%
- Power Supply : 440V±10%, 50 Hz

- Maximum Power Consumption : About 5kw
- Cooling Water : Pressure : ≤ 2 bar, temperature : $\geq 12^{\circ}\text{C}$
- Net Weight : About 300kg
- Dimensions. : 1400mm (L) X 800mm (W) X 1600mm (H)

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