NAUGRA®

Product name:	Product code:
Centrifuge Extractor for Bitumen Content in Asphalt Mix	CMI-IND-0025



Description

Bowl-type centrifuge that separates bitumen from hot mix asphalt using solvent to determine binder content and gradation. Used in asphalt plant labs and road construction QC.

Technical specification

Bowl material	Cast aluminium or SS
Standards	IS 1203, ASTM D2172 Method A, AASHTO T164
Power supply	230 V AC, 50 Hz, 0.37 kW

Standard Accessories

- Filter rings (pack of 100)
- Solvent receiving can
- Bowl cover

A sample of loose asphalt mix is soaked in solvent in a rotating bowl, and spinning drives off the dissolved bitumen through a drain. The remaining aggregate is dried and weighed for binder content and gradation analysis. A fume hood connection point is provided for solvent safety.

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Features

- Spinning bowl speed up to 3600 rpm
- Explosion safe sealed motor housing
- Drain spout with solvent catch
- Stainless steel bowl and lid
- Speed control with brake

Technical Specifications

Sample capacity	1000 to 1500 g
Bowl diameter	305 mm, depth 150 mm
Maximum speed	3600 rpm
Speed control	Variable rheostat