



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

REFRIGERATED WAX CONTENT APPARATUS - IS 10512-2003



Corporate Office:

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Calibration Laboratory:

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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



Compliance Standards

IS 10512-2003

This instrument is used for the determination of the paraffin wax content of bitumen and bituminous binder by distillation.

It consist of a distillation unit with a 100 ml distillation flask with cork stopper, 100 ml Erlenmeyer flask with a bored cork stopper, glass vessel, gas burner, support stand and adjustable table; refrigerated cooling bath, cover to accommodate: 3 test tubes Ø38×160 mm 29/32 with wash bottle, 3 test tubes Ø38×160 mm with a spout and bored cork stopper, two openings one for solid carbon dioxide and one for thermometer; filtration unit with a 500 ml suction flask, 500 ml glass wash bottle, funnel Ø70×200 mm.

Details:

Apparatus for Determination of WAX CONTENT IN BITUMEN as per IS 10512 consisting of the following :

- Distillation Flask 100 ml.....1 no
- Sheet Metal Guard Ring....1 no.
- Refrigerated Cooling Bath ...1 no.
- Test Tubes Ø38×160 mm 29/32 with wash bottle.....3 nos
- Test tubes Ø38×160 mm with a spout and bored cork stopper....3 nos
- Filter Funnel Ø70×200 mm.... 1 no.
- Test Tube (with ground glass socket & wash bottle head).....1 no
- Erlenmeyer Flask 100 ml with stopper.....1 no.
- Vacuum Filtering Flask 500 ml.....1 no.
- Suitable adjustable stand for Cooling Bath
- Gas burner

Note :

LPG or gas connection, Hot air oven, Electronic balance (0.1 mg accuracy), Vacuum Pump, Glass Thermometer, Desiccator, Filter Paper-100 mm diameter, Pincers and ether, ethanol, acetone, Petroleum spirit reagents are required to conduct the complete test, which are available at extra cost.

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