

Asphalt Analyzer YOU

EN 12697/1 - ASTM D8159-2018 - AASHTO for a secured extraction of recycling asphalt and binder determination of bituminous materials within a closed system using non-inflammable solvents.

Bituminous materials (up to 3.5 kg) is weighed into a washing drum, placed into the washing chamber and then automatically washed by means of solvents and ultrasonic. The number of washing cycles can be preselected depending on the type of material. Minerals are left in the sieve drum whereas binder, solvents and fillers are washed out and separated in the connected centrifuge. Filler is retained in the centrifuge cup where binder and solvent are separated in the connected recovery still by distillation. Solvents are reused. Two windows allow a visual check of the recovery process. A sieve inlet keeps the massless asphalt components, which has not been collected in the centrifuge. After washing out, the minerals and fillers are dried automatically, and after completion of the program the process can be continued with sieve analysis. Main advantages of this machine are the quick extraction time of approx. 35 to 45 minutes including drying and the considerably reduced ecological damage because of solvent loss < 20 ml per extraction. Optional a direct connection to a rotary evaporator.

NEW
SAVE
SUSTAINABLE
CLEAN



Technische Daten

Dimension, appr.	1290 x 800 x 1400 mm
Electrical Data	400 V, 50 Hz, 3 P+N+PE, 7 kW
Weight	ca. 254 kg
Producer	infraTest Prüftechnik (DE)
Customs Tariff Number	90318080

20-11300

Advantage:

- ▶ 2 observation windows in distillation cover allow a visual recovery process
- ▶ Direct connection to the rotary evaporator
- ▶ Additional inlet sieve in the distillation unit for light asphalt components
- ▶ Corrugated cooler with enlarged surface
- ▶ Temperature limiters above distillation cover
- ▶ Easy maintenance and service
- ▶ Ultrasonic sensor in washing chamber
- ▶ Electromagnetic lock at washing chamber and centrifuge
- ▶ Secure, fast extraction results
- ▶ User-friendly display

Accessoires

- 20-1112/1** 1. Washing Drum 0.063 mm/0.075 mm
- 20-1106** 2. Closing Lid
- 20-0335** 3. Centrifuge Cup 120mm/ 300g
- 20-0340** 4. Insert Paper Centrifuge Cups
- 20-1100E220** 5. Option Closed Washing Cycle
- 20-1100E200** 6. Sampling Attachment

