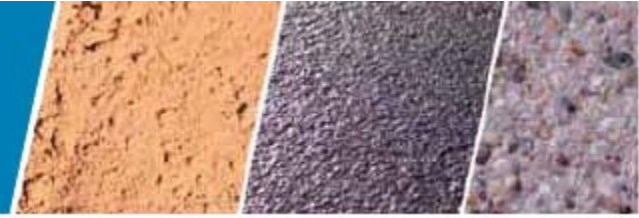




▶ 沥青混合料分析器 环保检测
ASPHALTANALYSATOR ecoTest





土壤
SOILS

沥青混合料
BITUMINOUS
MATERIALS

混凝土
CONCRETE

沥青混合料分析器 环保检测

15年的成功经验。1997年推出全封闭系统抽提方法，这一成熟的革新技术被命名为沥青混合料分析器，至今几乎没做任何修改。

沥青混合料分析器的基本用途是通过如下组件确定筛分、沥青含量或者根据需要提取混合料中的沥青以备沥青性能实验：

- ▶ 利用清洗仓和清洗筛筒清洗沥青
- ▶ 在高性能的离心机内将矿粉和沥青/溶剂混合液分离
- ▶ 附带的蒸馏装置将沥青和溶剂分离
- ▶ 将集料和矿粉烘干并回收溶剂

上述在一个封闭系统的革新技术一直处于市场领先地位，但并不说明机器自1997年以来没有改进。期间几个细节被更新，进一步的研发和革新仍在继续
现在的机器

- ▶ 具有新型离心机，使用寿命增加近一倍
- ▶ 配备自检系统
- ▶ 备有几个选购组件进一步减低人与溶剂的接触机会
(20-1100E200 / 20-1100E220 / 20-9830)

革新和进一步研究的要点之一就是减少每次抽提的溶剂损失。根据内部质量标准计算出的数据，早期售出的机器少于50毫升。而新的沥青混合料分析器少于20毫升，由此赢华泰(infraTest)获准贴上环保实验(ecoTest)铭牌。

Asphaltanalysator ecoTest

15 years of success. The innovative technology of the 1997 introduced closed system extraction method named Asphaltanalysator remains almost unchanged until today. The basic principle of the Asphaltanalysator for the determination of sieve analysis, binder content and if requested binder quality of bituminous mixes by

- ▶ elution of binder using a washing chamber and a rotating sieve drum
- ▶ separate filler and binder/solvent in a high performance centrifuge
- ▶ attached distillation unit to separate binder and solvent
- ▶ drying of minerals and filler and re-use of solvent in a closed system still remains the best available technology. This does not mean that the machines have remained unchanged since 1997. Several details have been modified in the meantime and further development and innovation is going on. Nowadays machines

- ▶ have a new centrifuge with almost double endurance
- ▶ are equipped with a diagnostic inspection system
- ▶ are available with several options to further reduce the direct contact with solvent (20-1100E200 / 20-1100E220 / 20-9830)

One of the most essential points of innovation and further development is the again reduced solvent loss per extraction. The value calculated according our internal quality criteria was stated for earlier supplied machines with < 50 ml. For the new Asphaltanalysator this important value can be stated with < 20 ml allowing us to award the machine with the infraTest ecological seal of approval ecoTest.



清洗筛筒
Washing drum



混凝土
CONCRETE

集料
AGGREGATES

检测
TESTING

筛分
SIEVING

取芯
DRILLING

实验室集装箱/设施
LABORATORY CONTAINER/
FACILITIES



**20-1100E220
溶解清洗周期**

作为 20-1100 的选购项目，一个手控阀和一个特殊程式能够预先选定溶剂数量以及第一个清洗周期的运转时间并进行混合液采样。通过适量溶剂和运转时间调整，包括用作再生用途的老化沥青在内的多数沥青都能够在这个清洗周期期间完全溶解，在蒸馏箱上可采集约 500 毫升沥青/溶剂混合液并直接流入旋转蒸发瓶内。混合液中的沥青含量一般足以进行软化点、针入度以及弹性复位实验。此外，我们还推荐选购项目 20-1100E200

Dissolving Washing Cycle

As an option for 20-1100. A manually operated valve and a special program enables to preselect the solvent quantity and running time of the first washing cycle and to collect this mix. By an appropriate quantity of solvent and running time most of the bitumen including aged bitumen in case of recycling materials is already dissolved during this washing cycle and the mix of appr. 500 ml can be collected at the recovery still direct into a rotary evaporator flask. The quantity of bitumen included in the mix is normally sufficient for softening point, penetration or elastic reset tests. In addition we recommend the option 20-1100E200.



**20-1100E200
沥青取样装置**

作为 20-1100 的选购项目，安装在蒸馏箱上。本装置可固定连接 500 或 1000 毫升的旋转蒸发瓶(20-1300...), 以防在沥青溶液取样时环境受到溶剂污染。

Sampling Device

As an option for 20-1100 and installed at the recovery still. This unit permits the connection of a rotary evaporator flask 500 or 1000 ml (20-1300...) so that the environment will not be polluted with any solvent during collection.

► **其他产品**
Further products of our delivery programme

10-2350
板承载实验 100 kN
Plate Bearing Test Set 100 kN



10-2560
直/留剪仪
Direct/Residual Shear Apparatus



20-2200
自动球环实验仪
Automatic Ring and Ball Tester



20-2572
旋转薄膜烘箱实验仪 RTFOT
Rolling Thin Film Oven RTFOT



35-5100
万能实验机 200 kN
Universal Testing Machine 200 kN



42-0600
洛杉矶磨耗实验机
Los Angeles Abrasion Test-Machine



infraTest Prüftechnik GmbH
Wiesenbachstraße 15
D-74336 Brackenheim-Botenheim
Tel.: +49 (0) 7135-95 00-0
Fax: + 49 (0) 7135-95 00-20
info@infraTest.net

www.infraTest.net