



▶ 沥青混合料分粒机
ASPHALT GRANULATOR





土壤
SOILS

沥青混合料
BITUMINOUS
MATERIALS

混凝土
CONCRETE

目前沥青混合料的毛体积密度试验主要根据欧盟标准 (EN 12697/5) 所规定的方法，利用真空和水进行试验，从而取代了过去使用溶剂的试验方法。

该方法需要利用合适的真空容器进行安装。此外，为获得具有可比性以及重复性的试验结果，有必要将沥青混合料均匀分粒，以便水可以进入所有空隙。手工分粒费工耗时，但效果却很不理想。

近几年来，适用的真空容器以及控制器已在市场出现。如今沥青混合料分粒机的问世不但即刻把分粒过程缩短为几分钟，而且保证了所要求的质量。

20-1440 沥青混合料分粒机

用于毛体积密度试验的沥青混合料试样分解。首先，在装置的不锈钢砂浆容器装入约 1 公斤粗略分离的沥青混合料试样并关上上盖。然后启动机器，可交换的分粒工具开始磨动。在极短的时间内将沥青混合料磨制成符合试验要求的大小尺寸。磨制时间可以预选，一般 1 到 3 分钟已经足够。砂浆容器可以手动前倾，将试样倒入一个合适的容器（推荐 95-2044）。设备运转所产生的噪音通过附加的铰接盖来降低，铰接盖配置安全开关。本机配备定时器、开始/停止开关按钮以及手动反向状态开关。

规格:

定时器	0.. 60 分钟
体积	410 x 550 x 835 毫米
重量	大约 60 公斤
230 伏特, 50 赫兹, 1,5 千瓦	

For bulk density tests of bituminous materials nowadays mainly the vacuum method and water as per EN 12697/5 standard is used instead of using solvent in former times.

To get around suitable vacuum containers and installations are required. In addition and to achieve comparable and repeatable results it's necessary that the bituminous material is uniformly granulated so that the water can enter all existing voids. To carry this out by hand is time consuming and more often the achieved results are not satisfying.

Suitable vacuum containers and controllers are available since a couple of years. Now a granulating machine is disposable reducing the time for the granulation process to a few minutes and ensuring the required quality.

20-1440 Asphalt Granulator

used to break bituminous samples for bulk density tests. The stainless steel mortar container of the machine is charged with approx. 1 kg of a roughly separated bituminous sample and its cover is closed. Then the machine is started and the exchangeable granulating tool is milling the sample within short time to grain sizes suitable for the test. The milling time can be preselected. Typically 1 to 3 minutes are sufficient. The mortar container can be tilted forward manually for discharging the sample into a suitable container (recommended 95-2044). The noise emission of the machine is reduced by an additional hinged cover with safety switch. Supplied including timer, Start-/Stop button and switch for manual reverse mode.

Specification:

Timer	0.. 60 Min.
Dimensions	approx. 410 x 550 x 835mm
Weight	approx. 60 kg
230 V, 50 Hz, 1,5 kW	





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

设备处于装料状态
Device in filling position

设备处于卸料状态
Device in emptying position



分粒之前
Before granulation

分粒之后
After granulation



► 补充配套产品
Complementary items

具有真空设备的容器
Container with vacuum equipment

20-1435/36



20-1437



95-2475



附加比重瓶物件
Additional pycnometer items

20-1370/75/80



20-1385/92/95



20-1400/05



20-1410/15



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