



DENSITY CHECK - DRIVE

PC控制的电子密度计用于自动评估致密和多孔材料的密度、%质量变化 (DM) 和 %体积变化 (DV)

参考标准: ASTM B311; ASTM D297; ASTM D471; ASTM D792; ASTM D1056; ASTM D3574; ASTM D3575; ASTM D5963; EN 17189; EN 681-1; IEC IEC 60811-606; ISO 1817; ISO 2781; ISO 4649; ISO 7840; ISO 6916-1; ISO 6916-2; ISO 1183-1*;

注意: 遵守某些标准可能需要可选的附件或设置。



该仪器可快速准确地测量橡胶、刚性产品、泡沫、塑料颗粒、橡胶粉末及液体的密度。

简单高效的测试流程:

- 将样品放置在专用样品架上
- 将样品架固定在磁性夹具上
- 按下启动按钮

软件自动记录样品重量, 提升装有标准液体的烧杯以计算体积和密度, 随后将烧杯返回初始位置, 准备进行下一次测试。

关键特点

- 高精度天平, 分辨率达0.001克 (可选0.0001克)
- 磁性样品夹持器, 便于快速更换
- 集成热敏传感器, 实现参考液体的自动温度读取及密度补偿
- 电机驱动提升系统, 测试过程中自动定位烧杯
- 样品老化后自动计算密度、质量百分比变

化及体积百分比变化

- 与容差限值比较结果并进行全面统计分析
- DensityCheck & Datagest 软件, 实现仪器完全控制及 SQL 数据库管理

配件

- 针对不同产品类型提供专用样品夹具
- 可选软件模块, 支持磨损测试数据记录

Balance sensitivity: ± 0.001 g (± 0.0001 g optional)

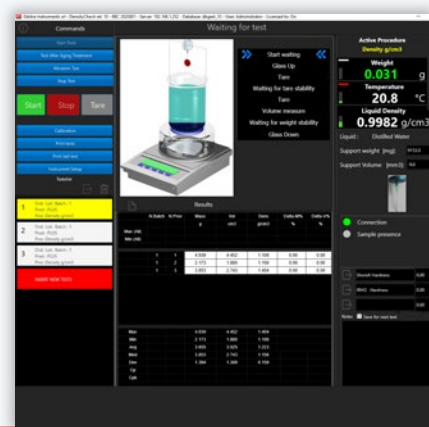
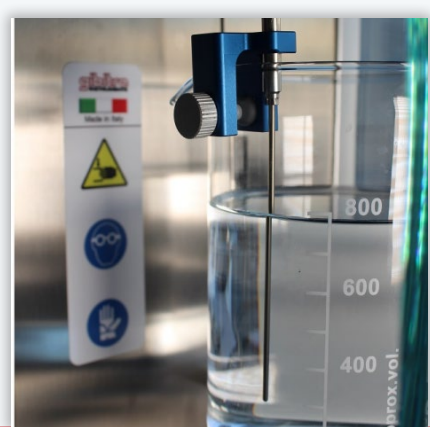
Measurable density: The instrument can be set for measuring the density of rubber, rigid materials, foam (non absorbent), pellets, rubber powder & liquids. The instrument enables automatic measurements to be carried out even for samples with density of less than 1 g/cm³.

Numerical test data: Mass, volume and density (original state and after aging treatment); % mass Variation and % Volume variation

Selection of the reference liquid: The kind of reference liquid and the density according to the temperature of the lab can be selected.

Measure of temperature of reference liquid: PT 100 probe (Res. 0.1 °C) for measuring the temperature of the test liquid and calculating the relative density in real time

Personal Computer (optional): Minimum Setup: Windows 10 or 11, Intel Core i5, 5GB RAM



Rubber
Plastic
Pellets
Foam
Liquids