

壓實瀝青混凝土體積密度測試儀

Bulk Density Tester for Compacted Asphalt Concrete

KBD-120B/1200BN KBD-300B/600B

適用於：道路鋪設、地質探勘、車道研究實驗室。

Suitable for: Construction, Geological Exploration, Roadway research lab.

原理：根據GB/T2413、1966、2834、ASTMC20/C134/C373/C329、EN-725-10、AASHTO T166、ASTM D6572、T0705規範。適用於煮沸、真空飽和法、封蠟法、表乾法。準確、直讀讀取量測數值。

Principle: In accordance with the standards of GB/T2413, 1966, 2834, ASTMC20/C134/C373/C329, EN-725-10, AASHTO T166, ASTM D6572, T0705, and by adopting the buoyancy method of Archimedeian principle, the boiling water method, wax-sealing method, vacuum saturation method and surface dried method can be chosen to use, it can show the measuring result accurately and fast.



KBD-120B/1200BN功能：

- 模式1、直接讀取壓實瀝青混合材料的體密度(Gmb)、視孔隙率、濕密度、體積。
- 模式2、封蠟法可直接讀取對於吸水率 > 2% 的體密度。
- 模式3、對於吸水率 < 2% 的比重和體積。

KBD-300B/600B功能：

- 模式1、直接讀取壓實瀝青混合材料的體密度(Gmb)、視孔隙率、濕密度、體積。
- 模式2、封蠟法可直接讀取對於吸水率 > 2% 的體密度。

★採用大水槽設計，降低吊欄線的浮力所造成的誤差。水槽尺寸150x100x90mm，KBD-1200BN可依樣品長度訂製合適的水槽。

型號 Model	KBD-120B	KBD-1200BN	KBD-300B	KBD-600B
秤重範圍 Weighing Range	0.001g~ 120g	0.01g~ 1200g	0.01g~ 300g	0.01g~ 600g
密度精度 Density Precision	0.0001 g/cm ³	0.001 g/cm ³	0.001 g/cm ³	0.001 g/cm ³
設定 Settings	溫度補償設定、溶液補償設定、封蠟法蠟密度設定 Settings of water temperature and solution compensation, density setting when using wax-sealing method			

Functions:

- The machines can directly show the bulk density (Gmb), apparent porosity, wet density, volume of compacted asphalt concrete.
- When water absorption of the product is higher than 2%, the bulk density can be showed by using wax-sealing method.
- When the water absorption of product is lower than 2%, density and volume can be showed directly by using KBD-120B/1200BN series.
- The machines have the function of water temperature and solution compensation, density setting when using wax-sealing method.
- The machines can be connected to the PC or printer by RS-232.
- By adopting the design of big tank, it can decrease the inaccuracy caused by supporting wire's buoyancy.
- Standard size of water tank: 150X100X90mm.
- The water tank length of KBD-1200BN can be customized according to the customers' demand.