

含油軸承含油率和體積密度測試儀

Oil-Content Tester for oil-impregnated bearing

KBD-120Q/1200QN KBD-300Q/600Q

適用於：粉末冶金下游的電動工具、氣動工具、縫紉機、運動器材、電腦風扇、一般風扇、汽機車零件、手工具工業、材料研究實驗室。

Suitable for: Downstream electrical tools of powder metallurgy, Pneumatic tools, Sewing machine, Sports equipments, computer fan, General fan, Auto parts, Hand tools, New materials research lab and so on.

原理：根據ASTM B311、B328；MPIF Standard 42、57；JIS Z2505、Z2506；GB/T5163採用阿基米德原理浮力法，直讀量測數值。

Principle: According to ASTM B311, B328; MPIF Standard 42, 57; JIS Z2505, Z2506; GB/T5163 and by adopting buoyancy method of Archimedeian principle, it can show the measuring result directly.



KBD-120Q/1200QN功能：

- 模式1、可直接讀取生胚、燒結含油軸承含油率。
- 模式2、可量測射出成型產品的密度和體積。
- 模式3、可直接讀取結構件的體密度、視孔隙率、濕密度、體積。

KBD-300Q/600Q功能：

- 模式1、可直接讀取粉末結構件產品的濕密度、含油率、體密度。
- 模式2、可直接讀取結構件產品的體密度。

★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-1200QN可依樣品長度訂製合適的水槽。

型號 Model	KBD-120Q	KBD-1200QN	KBD-300Q	KBD-600Q
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、防水處理油的密度設定 Settings of water temperature and solution compensation, density setting of water-proofing oil			

Functions:

- KBD-120Q/1200QN series can directly show the oil content of green and sintered oil bearing.
- KBD-120Q/1200QN series can show the density and volume of injection molding products.
- KBD-120Q/1200QN series can directly show the bulk density, apparent porosity, wet density, volume of structural products.
- KBD-300Q/600Q series can directly show the wet density, oil content, bulk density of powder structural products.
- KBD-300Q/600Q series can directly show the bulk density of structural products.
- The machines have the function of water temperature and solution compensation setting, and density setting of water-proofing oil.
- 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-1200QN can be customized according to the customers' demand.