

# 揮發性試劑相對密度、濃度測試儀

## Volatile reagent Relative Density Concentration Tester

### KBD-120TV/KBD-120LV/300LV

應用於：液態石油燃料、化學揮發性試劑、揮發性藥劑、研究實驗室。

Suitable for: Liquid petroleum fuel, Chemical volatile reagent, Volatile drug, Research lab.

原理：根據GB/T611、ISO 3696、JIG 171、ASTM規範。應用阿基米德原理的比重瓶容積置換法、浮力法，快速讀取液體相對密度與濃度值。

Principle: According to the standards of GB/T611, ISO 3696, JIG 171, ASTM, and by adopting the Pycnometer volume displacement method and buoyancy method of Archimedean principle, the liquid relative density and concentration can be showed rapidly.



KBD-120TV



KBD-120LV

型號 Model	KBD-120TV	KBD-120LV	KBD-300LV
重量範圍 Weighing range	0.001g~120g	0.001g~120g	0.01g~300g
密度範圍 Density range	> 1, < 1 皆可測試 >1, <1 both can be tested	0.0001~2.0000	0.001~2.000
密度精度 Density precision	0.0001 g/cm <sup>3</sup>		0.001 g/cm <sup>3</sup>
測試方法 Testing method	比重瓶法 Pycnometer method	浮力法 Buoyancy method	
測試種類 Testing sorts	液態石油燃料、化學揮發性試劑、揮發性藥劑 Liquid petroleum fuel, chemical volatile reagent, Volatile drug		

功能：

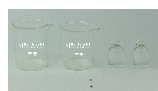
- 使用比重設備配合特殊比重瓶測量，輕易讀取揮發性液體的相對密度與濃度。
- 特殊比重瓶裝設毛細管裝置，不管揮發性液體的揮發是如何快，液體比重的讀數總是不變的。
- 液體比重資料很依賴溫度，可配合恆溫水槽得更精確的資料。
- 秤重精度0.001g增加補償因空氣浮力所造成誤差的功能。
- 可經由所測溶液的相對密度值直接顯示溶液的濃度值。

Functions:

- By using electronic densimeter with special pycnometer, it can easily show relative density and concentration of volatile liquid.
- The special pycnometer is equipped with capillary device, no matter how fast does the volatile liquid volatilize, the reading of densimeter is always unchanged.
- Liquid density data depends on temperature; it can get more accurate data cooperated with thermostatic water tank.
- Pycnometer method and buoyancy method can be chosen for testing volatile liquid.

標準配件：A.浮力法

Standard accessory: For Buoyancy method



B.比重瓶法

For Pycnometer method

