

泥漿密度、固形物含量測試儀

Slurry Density, Solid Content Tester

KBD-120Mud

應用於：混凝土泥漿、炸藥泥漿、膨潤土泥漿、紙漿、肥料漿、肉漿，拋光研磨漿、冰漿、水泥漿、碳化矽泥漿、豆漿、澱粉漿、泥漿研究實驗室。

Suitable for: Concrete slurry, Explosives slurry, Bentonite slurry, Pulp, Fertilizer slurry, Meat slurry, Polishing slurry, Ice slurry, Cement slurry, Silicon carbide slurry, Soy milk, Starch slurry, Slurry research laboratory.

原理：根據ASTM D4380規範，採用阿基米德浸漬Gamma球體積置換法，配合比重計特殊設計，特殊的軟化設計，準確的讀取泥漿密度、固形物含量%。

Principle: According to the standard of ASTM D4380, and by adopting Gamma ball volume displacement method of Archimedeian principle, and cooperating with the special design of pycnometer and software, the densisty, solid content% of slurry can be showed correctly.



型號 Model	KBD-120Mud
測量範圍 Measuring range	0.001g ~ 120g
測試種類 Testing sorts	泥漿密度、泥漿固形物%、溶劑密度與濃度C% Slurry density, Solid content%, Concentration% of solvent
密度精度 Density precision	0.0001g/cm ³
固形物範圍 Solid Content Range	0~100%
溶劑濃度範圍 Solvent Concentration Range	0.1%
標準介面 Standard interface	RS-232

功能：

- 只需50cc樣品，直接讀取溶劑的密度與濃度、泥漿固形物%、泥漿密度。
- Gamma球可輕易取下更換，操作方便。Gamma球不受體積限制。
- 具石英玻璃砝碼體積膨脹係數補償功能。
- 具空氣浮力所造成誤差的補償功能。

Functions:

- Just need 50cc, the density and concentration of solvent, solid content %, and slurry density can be showed directly.
- Gamma ball can be easily replaced, easy operate, Gamma ball is not restricted by the volume.
- It has the function of high limit and low limit set, and the machine is equipped with buzzer.
- It has the compensation function of volume expansion coefficient for quartz glass weight.
- It has the compensation function of deviation caused by air buoyancy.
- It can work with thermostatic water tank, the testing result will be more reliable.