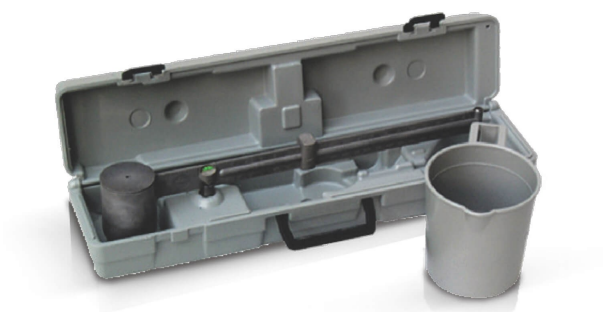


CEMENT > MUD VISCOSITY

MUD BALANCE

Code : C014



- The Mud Balance is a precision instrument designed to determine the density (weight per unit volume) of drilling fluids, cement slurries, and other similar fluids, ensuring accurate measurements in both laboratory and field settings.
- Constructed with a constant-volume sample cup and a graduated beam, the apparatus allows for direct reading of fluid density in multiple units, including pounds per gallon (lb/gal), specific gravity (g/cm^3), pounds per cubic foot (lb/ft^3), and pressure gradient (psi/1000 ft).
- The device features a built-in spirit level and a knife-edge fulcrum to ensure precise balancing during measurements, enhancing the reliability of results.
- A durable, high-impact plastic carrying case is included, providing a secure base for the balance during use and protecting the instrument during transportation.
- The Mud Balance is essential for monitoring and controlling the density of drilling fluids, which is critical for maintaining wellbore stability and preventing formation damage during drilling operations.

STANDARDS

ASTM D4380 • ISO 10414-1 • ISO 10414-2 • EN 445

SET

- Measurement Range:
 - 0.72 to 2.88 g/cm³
 - 6 to 24 lb/gal
 - 45 to 180 lb/ft³
 - 310 to 1250 psi/1000 ft
- Sample Cup Volume: 200 cm³
- Construction: Stainless steel sample cup and beam, high-impact plastic case
- Features: Built-in spirit level, knife-edge fulcrum, graduated scale

ORDERING INFORMATION

Item	Code
MUD BALANCE	C014X00XH