

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) and specific gravity (g/cm³).
- 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 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 • EN 445

## **SET**

- Measurement Range:
  - o 0.96 to 3.0 g/cm<sup>3</sup>
  - o 8 to 25 lb/gal
- Sample Cup Volume: 200 cm<sup>3</sup>
- Features: Built-in spirit level, knife-edge fulcrum, graduated scale

## **ORDERING INFORMATION**

Item	Code
MUD BALANCE	C014X00XH