

## 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 ( $\text{g/cm}^3$ ).
- 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:
  - 0.96 to 3.0 g/cm<sup>3</sup>
  - 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 Name	Item Code
MUD BALANCE	C014X00XH