

## INFORMATION

# MUD BALANCE / MUD DEAERATOR

### DESCRIPTION

The Messina Mud Balance provides a simple method for the accurate determination of mud density. An outstanding advantage of this balance is the fact that the temperature of the drilling mud does not materially affect the accuracy of readings. The durable construction of the Messina Mud Balance makes it ideal for field use. Despite its sensitivity, it contains no easily breakable parts.

Principally, the balance consists of a base and graduated arm with cup, lid, knife edge, rider, built-in spirit level, and counterweight. The constant volume cup is affixed to one end of the graduate arm and the counter-weight on the opposite end.

A plastic carrying case is provided that holds the balance intact and in working position.

Range adapters are available for use in measuring mud weights in excess of 24 lb/gal.

The Messina Mud Deaerator aids in getting accurate drilling fluid density measurements by removing air and other gases from the fluid sample. A stainless steel paddle agitates the sample while a hand-operated vacuum pump draws off the excess air and gas. This tool is extremely useful in gas-cut situations.

MUD BALANCE / MUD DEAERATOR is a Messina trademark