



DRILLING FLUIDS EQUIPMENT

For over 30 years OFI Testing Equipment (OFITE) has provided instruments and reagents for testing drilling fluids, well cements, completion fluids, and wastewater. In addition to these product lines we also offer a range of instruments for core analysis. From our manufacturing facility in Houston, TX we provide customers all over the world with quality products and exceptional service.

Our drilling fluids product line includes innovative designs such as the Model 900 Viscometer, which showcases our ability to develop new technology to meet customer and industry demands. We also offer Retorts, Aging Cells, Roller Ovens, Mud Balances, Filter Presses, and all other instruments required to evaluate drilling fluid properties according to API Recommended Practice 13B-1 and 13B-2.

As an independent manufacturer and supplier, OFITE has one priority, our customers.



Loss Circulation Material Receiver

In loss circulation tests, slotted disks are often used to simulate the varying pore sizes found in downhole environments. Many slotted disks are permeable to large particles, which eventually end up in the back pressure receiver. These large particles can clog the narrow openings in standard back pressure receivers, valve stems, and bleeder valves. The Loss Circulation Material (LCM) Receiver is designed to replace the traditional back pressure receiver when testing drilling fluids with large particles.

The LCM Receiver is compatible with existing PPT units. It connects to a modified outlet cell cap (sold separately) with a wider opening for filtrate. A filter inside the receiver protects the filtrate collection valve from getting clogged by large particles. And with the standard valve stem on the top, the receiver can be pressurized with either N₂ or CO₂ pressure assemblies.



Features

- Compatible with existing Permeability Plugging Testers (PPT)
- Modified cell cap has a larger opening to prevent clogging from larger particles
- Filter inside the receiver body protects the filtrate collection valve from large particles
- Standard valve stem compatible with N₂ or CO₂ pressure assemblies



Technical Specifications and Requirements

- #171-193-101 Loss Circulation Material Receiver
- #171-193-6K PPT, 6000 psi, with LCM Receiver, 115 Volt
- #171-193-6K-1 PPT, 6000 psi, with LCM Receiver, 230 Volt

Additional Parts

- #171-193-101-01 LCM Cell Cap for 5000 and 6000 psi Threaded Cell
- #171-84-013 LCM Cell Cap for 4000 psi Threaded Cell
- #500-350-001 Fitting, Male VCO

Note: A cell cap and fitting must be ordered separately. The cell cap will not be serialized or certified unless the existing cell is sent to OFITE for pressure testing.

Specifications

- Maximum Temperature: 400°F (204.4°C)
- Maximum Pressure: 500 psi (3.4 MPa)
- Material: 316 Stainless Steel
- Suitable for fluids with particles up to .27" (6.86 mm)

