

Annexure- 1

Rotational viscometer

Application: To study the rheological responses of cement paste/slurry etc.

Specifications:

- Controlled rate and controlled deformation
- Angular velocity range: 0.001 rad/sec – 150 rad/sec
- Minimum angular resolution: 1.25 μ .rad, or better
- Shear stress range : 0.75 – 60,000 Pa
- Shear rate range: 0.004 – 11400 s⁻¹
- Torque range: 0.2 - 100 m.N.m, or better
- Torque resolution: 0.01m.N.m, or better
- Viscosity range : 0.001 – 6,00,000 Pa.s
- All kind of measuring geometries for cement paste/slurry etc.
- TCP/IP Interface for communication with PC with suitable computer system for operation