

CONSISTOMETERS

PERFORMANCE . QUALITY . SAFETY

SINGLE AND DUAL CELL CONSISTOMETERS

ENGINEERING EXCELLENCE FOR LONG-TERM PERFORMANCE

Chandler Engineering's API Spec 10A-compliant consistometers are engineered to evaluate cement thickening behavior under a wide range of downhole conditions. Designed with laboratory efficiency and ease of operation in mind, these instruments address the two primary causes of downtime: extended cool-down periods between tests and routine maintenance.

These widely used models are ideal for laboratories focused on oil well cement research, additive development, quality assurance and field testing. In addition to thickening time measurements, they can also prepare slurries for other evaluations, including free water content, fluid loss, viscosity and consistency testing.

FEATURES:

- Slurry Cup 150rpm
- Viscosity Range 0-100 BC
- API 10A / ISO 10426-1
- Built-in Chart Recorder
- Pressure Medium White Mineral Oil
- 20 Minute Turnaround Time
- Custom Engineered Projects



HIGH PRESSURE HIGH TEMPERATURE CONSISTOMETERS

TEST CEMENT PERFORMANCE UNDER A WIDE RANGE OF DOWNHOLE CONDITIONS.

Available in single and dual-cell configurations, these instruments support testing at temperatures up to 600°F (315°C) and pressures up to 40,000 psi (275 MPa). Each unit features advanced cooling systems, modular hydraulics, and magnetic coupling drives to reduce downtime and simplify maintenance. Acquisition and control software for a stand-alone computer is optional. For enhanced research and testing capabilities, the Consistometer can be equipped with an optional chiller for performing tests for deep-water temperatures.

MODEL #	TYPE	MAX TEMPERATURE	MAX PRESSURE
7322	Single	400°F (204°C)	22000 psi (150 kPa)
8340	Single	600°F (315°C)	40000 psi (275 kPa)
8040	Dual	600°F (315°C)	40000 psi (275 kPa)
7025	Dual	400°F (204°C)	25000 psi (172 kPa)

BENCHTOP CONSISTOMETERS

DESIGNED FOR MOBILE AND REMOTE LABS WHERE SPACE IS LIMITED

Benchtop Consistometers are designed for reliable cement testing. The units support testing at temperatures up to 400°F (204°C) and pressures up to 20,000 psi (138 MPa), making them ideal for a wide range of downhole simulation needs. Optional acquisition and control software for a stand-alone computer is available.



MODEL #	TYPE	MAX TEMPERATURE	MAX PRESSURE
7720	Benchtop	400°F (204°C)	20000 psi (138 kPa)

ATMOSPHERIC CONSISTOMETERS

SIMPLE, ACCURATE AND EFFICIENT WAY TO CONDITION CEMENT SLURRIES

The compact, dual-cup Consistometers support temperatures up to 200°F (93°C) at atmospheric pressure. With all controls conveniently located on the front panel, units are easy to operate and feature precise temperature control via a programmable controller and a motor-driven water bath stirrer to eliminate hot spots. The 1250 also includes a chart recorder.




MODEL #	TYPE	MAX TEMPERATURE	MAX PRESSURE
1250 / 1200	Atmospheric	200°F (93°C)	Atmospheric




At Chandler Engineering, we are united by our commitment to each other and the shared values that define our work. We promote unity, honor, and belonging within our company and extend that care to the communities we serve. Our dedication to innovation and excellence in energy solutions is driven by our desire to leave the world a better place for our families and future generations.



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