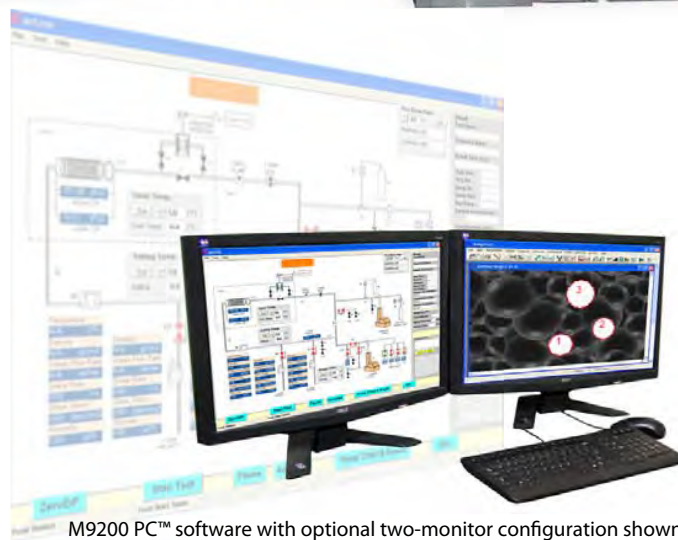


Highest pressure and temperature rating of any foam rheometer in the world

Today's researchers must come to grips with some of the harshest environments on earth, and the M9200 hardware is intended to address their needs by providing a test environment that is more robust and realistic than any competing instrument available today can provide.

The integrated heat trace maintains a uniform temperature on all sample lines, further ensuring accurate test results.

M9200 provides dynamic foam circulation condition instead of static condition, which results in foam separation. This unique feature of M9200 enables foam to be constantly circulated and sheared in the loop for achieving uniform foam properties during testing.



M9200 PC™ software with optional two-monitor configuration shown

Features:

- Single or dual gas (CO₂ and/or N₂) foam testing capabilities
- Continuous foam circulation ensures uniform foam properties
- Constant foam circulation and shear
- HPHT viewing cell provides safe operation when testing acidic samples
- Direct visual assessment of foam half-life
- Computer-assisted analysis of bubble size and distribution
- Integrated heating trace maintains a uniform temperature on all sample lines
- Optional accumulator for injection of high-viscosity and/or corrosive sample fluids

*The 9000 series of products are all highly customizable, so all specifications should be regarded as approximate, depending on individual customer requirements.

Specifications:

Operating Temperature:	Ambient to 350 °F (up to 400 °F optional)
Working Pressure:	Atm to 5,000 psi
Shear Rate:	0 to 1,500 S ⁻¹
Microscope Magnification:	Up to 450x
Viewing Window Material:	Sapphire
Foam Density:	0.3 to 1.0 g/cm ³ controllable
Half-life of Foam:	0 to 72 hr
Foam Bubble Diameter:	≥1 μm
Sample Volume:	115 ml
Accumulator Volume:	500 ml (w/ optional accumulator)
Rheology Characterization:	API standard and other rheological tests