

Model 420ATC Twin Cell UCA

TWO UCA CELLS IN ONE SPACE-SAVING FOOTPRINT

The Model 420ATC UCA (Ultrasonic Cement Analyzer) delivers a twin cell design, running two independent tests in the footprint of one traditional unit. Versatile operation enables testing of two slurry samples independently and continuously, at separate pressures and temperatures. The operator controls all test parameters for both chambers from two touch screen displays.

FEATURES

- Standalone operation - no computer required, digital touch screen control
- USB available for data transfer if running as standalone
- Two independently operating UCA cells with continuous automatic temperature and pressure control
- Integrated 5,000 or 20,000psi pressure system
- Maintains pressure within 100psi of setpoint
- Maximum temperature range to 480°F (249°C)
- Coolant ports to allow testing to 40°F (4°C)
- Insulation eliminates the potential for heat migration between the cells
- Separate power receptacle is available for electronics and heaters, to mitigate power interruption
- Compliant with existing Fann UCA chambers
- Drawer for tools and accessories



Part Number - 102551792 Model 420ATC, Twin Cell UCA 20000psi
Part Number - 102551791 Model 420ATC, Twin Cell UCA 5000psi

Fann Instrument Company offers a complete line of equipment, materials, and supplies for analyzing various drilling fluids and oil well cements in accordance with API Specifications and API Recommended Practices.

Model 420ATC Quick Look	
Minimum Temperature	40°F (4°C)
Maximum Temperature	480°F (249°C)
Minimum Pressure	0 or 200psi
Maximum Pressure	5000 or 20000psi
Minimum Pressure Tolerance	100psi
Operating Temperature	40°F (4°C) to 122°F (50°C)
Water In	¼ in NPT female 10psi min
Drain Out	¼ in NPT female hot water
Air In	¼ in NPT female 100psi min
Power (2 inlets)	CPU 208-240 VAC, 50/60 Hz, 360 W Heater 208-240 VAC 50/60 Hz, 3200 W
Ethernet	TCP/IP over RJ45
Dimensions (W x D x H)	24in x 24in x 33in
Weight	< 200 lbs