

ATC™

Automated Test Cell

- ▶ This automated production floor testing solution provides hands-free rheological testing on the production floor



- ▶ The entire rheological testing process is completed within the test cell for mixing batch release. This allows the actionable testing results to be available near real time.



ALPHATECHNOLOGIES

Features



- Remote access allows users to program test procedures, monitor testing processes, and retrieve test data
- Main enclosure provides environmental control and operational safety
- HMI (human-machine interface) allows direct user interaction with the test cell
- Designed for minimal testing down time
- Engineered for production floor environments
- User customizable multi-instrument testing configurations
- Laser marking for batch identification
- Robotic volumetric sample cutter
- Testing procedure and data management through Alpha Enterprise software
- Manual testing tray
- Excess sample organizer
- Multiple languages available



Performance



- Unsurpassed test repeatability and reproducibility
- Provides batch release data at production floor
- Hands-free operation

Options



- Sample conditioning
- Configurable from one to four interchangeable X-Series™ test modules

Specifications



INTERNAL TEMP. RANGE:	68°F - 95°F (20°C - 35°C)	ELECTRICAL:	220-240 VAC +/- 10%, 60 +/- 3Hz, 100amp, three phase
ENVIRONMENTAL TEMP. RANGE:	Ambient - 120°F (49°C)	AIR PRESSURE:	70 psi (482Kpa, 4.9 kg/cm ²) minimum
INITIAL SAMPLE THICKNESS:	5mm-10mm	SIZER VOLUME:	5.0cm ² - 10cm ²
TESTING CONFIGURATIONS:	Up to four test bays	INITIAL SAMPLE SIZE:	Diameter: 3.7" (95mm +/- 2mm)
DIMENSIONS:	6'4"W x 10'1"D x 7'3"H (195cmW x 308cmD X 222cmH) (dependent on configuration options)	TEST SAMPLE SIZE:	Diameter: 28mm +/- 2mm
WATER BATH TEMPERATURE:	41°F - 68°F (5°C - 20°C)		

