

PhaseFX15

LEADING TECHNOLOGY IN FLUID BEHAVIOR ANALYSIS

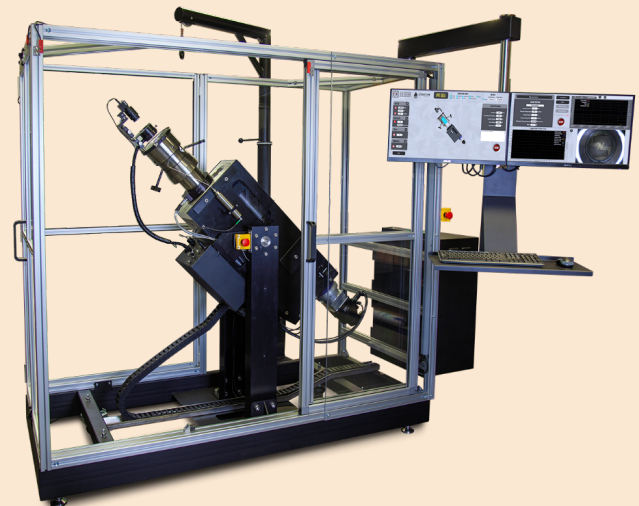
PhaseFX 15 is the most modern full visual PVT cell on the market, incorporating the latest technology and software to enhance reliability, efficiency and simplicity. An enhanced cell design minimizes dead volumes and optimizes ergonomics, making it simple to maintain and operate.

With the flexibility to operate in multiple positions, PhaseFX 15 can be used for phase behavior studies of black oil, volatile oil and gas condensates. State of the art software technology is the backbone of its modern and intuitive user interface, integrating automated ultra-high-resolution image capturing and real time interface detection. Standard and sour service models are readily available.

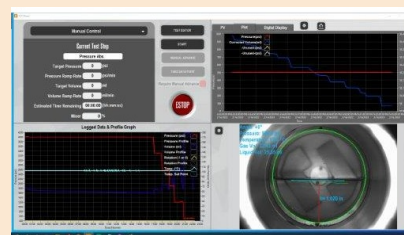
APPLICATIONS

- 1) Reservoir Engineering
- 2) Completion and Production Engineering
- 3) Facilities and Flow Assurance Engineering
- 4) Testing of Aqueous fluids
- 5) Full automation of constant mass expansion analysis including image capture and phase volume detection
- 6) Multi position operation for full range of fluid analysis from black oil to wet gas systems

PhaseFX 15



Visualization Software



PhaseFX 15 SPECIFICATIONS

Max Working Pressure	15,000 psia, 1,034 bar
Pressure Accuracy	1.5 psia (0.01% Full Scale), 0.103 bar
Pressure Transducer Type	Quartz
Cell Volume	500 ml
Volume Accuracy	0.0001 ml
Minimum Flow Rate	0.0001 ml/min
Maximum Flow Rate	150 ml/min
Maximum Pressure Ramp Rate	12,000 psi/min
Machine Vision Resolution	0.05 ml or better
Temperature Working Range	-10°C (14°F) to 200°C (392°F)
Temperature Accuracy	±0.1°C



DCI Corporation has been designing and manufacturing test equipment for core analysis and rock mechanics since 1990. During this long history DCI has supplied a wide variety of systems around the world to major oil companies, major service companies, research institutes, and universities. The many years of experience allows DCI engineers to design robust and refined solution for the most challenging applications.

DCI has a history of providing unique, innovative solutions to meet the most demanding customer specifications and testing requirements. The solutions are the results of combining proven technology with custom designed components. This along with custom software for control and data acquisition systems meets the exact requirements of each test.

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Stratum Reservoir is an industry leader in rock, fluid, and stable isotope analysis for the energy, mining, and agricultural industries. Our network of laboratories around the world, produces high precision analytical data that our global team of subject matter experts use to deliver scientific insights that enable our customers to gain a thorough understanding of their resources.

We work collaboratively and think holistically, leveraging technology to assist our clients devise strategic plans to identify high potential assets, best utilize their current investments and plan for sustainable resource management. For over two decades we have devised distinct, highly granular analyses and offered essential interpretations to guide our clients in assessing resource potential, gaining insight into the fundamental elements and physics governing an asset's economic viability, and formulating ongoing resource management programs.

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