



M9715 HP/HT SAPPHIRE PVT VISUALIZATION CELL

- Robust visualization solution for optimal observation of one-phase and multiphase testing fluids (including gases).
- Withstands high temperatures (150°C (302°F)) and pressures (350 bars).
- Compatible with crude oil, live oil, polymer surfactants, salt water, and more.
- Sapphire cell construction.
- 15 ml (15 cc) volume.
- Graduated volumetric bar with 0.2 ml (0.2 cc) increments.
- 350 bars of maximum pressure.
- All required components to ensure cell securely remains in place included. *(Can be customized.)*
- Complementary polycarbonate jacket prevents breaking/scratches.
- Six ports (three at top and bottom) seamlessly transport fluid (including gas) in and out of cell. *(Custom number available.)*
- Used for one-phase or multiphase behavior, solubilization, atomization, SAS, spray visualization, enhanced oil recovery (EOR), and more.
- Complementary 1-year warranty included. Extended warranties also available.

PRODUCT DESCRIPTION

Designed for Easy Installation and Fast Operation

The *Grace Instrument M9715 HP/HT Sapphire PVT Visualization Cell* is a robust visualization solution for studying one-phase and multiphase behavior of fluids (including gases) during enhanced oil recovery (EOR) testing.

Developed with laboratory efficiency in mind, the *M9715* allows for optimal visualization and observation of tested fluids, easily withstanding high temperatures and pressures. This cell is compatible with many fluids, including but not limited to: crude oil, live oil, polymer surfactants, and salt water. Its innovative design makes it easy to set up, use, and clean.

Reliable and Repeatable Testing with Long-Lasting, Durable Materials and Components

To ensure your visualization cell is long-lasting, durable, and extremely resistant to scratches, all *Grace Instrument M9715s* are made out of sapphire (hardness level of 9 out of 10 on the Mohs scale).

The *M9715* features a 15 ml (15 cc) volume and vertical graduated volumetric bar with 0.2 ml (0.2 cc) increments for easily reading measurements. All required connections, valves, pistons, sealing piston o-ring(s), and support(s) to ensure the cell securely remains in place in your oven are included and can be customized. The *M9715* has six ports total, three up top and three at bottom, that seamlessly transport fluid (including gas) in and out of the cell. *(Custom port number available.)*

A complementary polycarbonate jacket is included with each cell for added protection from breaking and scratches.

The Grace Instrument Quality Promise

The *Grace Instrument M9715 HP/HT Sapphire PVT Visualization Cell* is a powerful testing tool, allowing the user to analyze and observe testing fluids precisely and accurately for many applications, including but not limited to: multiphase behavior, solubilization, atomization, SAS, spray visualization, and enhanced oil recovery (EOR).

Custom pressure, temperature, and other specifications and solutions are also available! Contact Grace Instrument to learn more. Our team is readily available to answer any questions you may have and guide you to find the ideal custom solution for all your testing needs.

A complementary 1-year warranty is included with each cell. Extended warranties are also available.

SPECIFICATIONS

Condition	New
Applications	<ul style="list-style-type: none">• One-Phase Behavior• Multiphase Behavior• Solubilization• Atomization• SAS• Spray Visualization• Enhanced Oil Recovery (EOR)• And more!
Cell Volume	15 ml (15 cc)
Cell Construction	Sapphire
Maximum Pressure	350 Bars
Maximum Temperature	150°C (302°F)
What's Included	<ul style="list-style-type: none">• Graduated Volumetric Bar with 0.2 ml (0.2 cc) Increments• Six (6) Ports Total, Three (3) Up Top and Three (3) at Bottom (Custom number available.)• All required connections, valves, pistons, sealing piston o-ring(s), and support(s) to ensure the cell securely remains in place in your oven are included and can be customized.• Polycarbonate Jacket
Warranty	<ul style="list-style-type: none">• Complementary 1-Year Warranty• Optional extended warranty available.