

# COOK INDICATOR PORTS

Provide convenient access for monitoring cylinder pressure

*The non-invasive solution to enable pressure monitoring for diagnostic testing*

Regular diagnostic testing is the key to extending compressor run times and avoiding unplanned downtime. However, many compressors are not manufactured with indicator ports to allow pressure monitoring. Adding a tapped indicator port requires cylinder disassembly, machining and hydrotesting – introducing cost, downtime and risk of damage to the cylinder.

## NON-INVASIVE, SECURE ACCESS

A Cook Indicator Port valve allows safe, easy access to cylinder pressure using a connection that passes through the center of a suction or discharge valve and extends outside the cylinder. An indicator (Kiene®) valve mounted on the end of the Indicator Port allows pressure readings to be taken manually using a pressure transducer or automatically with an online monitoring system.

Cook Indicator Ports are designed to fit existing compressor valve ports, eliminating the need to machine or modify the cylinder itself. They access pressure through the center of the valve without requiring a specially modified centerbolt and include O-ring seals to contain gas within the assembly.

Indicator ports are compatible with most valve restraint designs. If the existing restraint includes a jack bolt, however, Cook Compression will upgrade it to an HSR high-strength restraint that replaces the jack bolt with a multi-stud design. HSR restraints provide stronger retention for improved safety and less maintenance, as well as lower torque requirements for ease of use.

### BENEFITS

- Streamlines pressure monitoring to promote safe, reliable compressor operation
- Provides non-invasive access to cylinder pressure
- Designed to fit existing valve ports
- Avoids cylinder disassembly, risk of damage and re-hydrotesting
- Available with any new Cook compressor valve or retrofits to existing valves
- Robust, secure assembly with no centerbolt



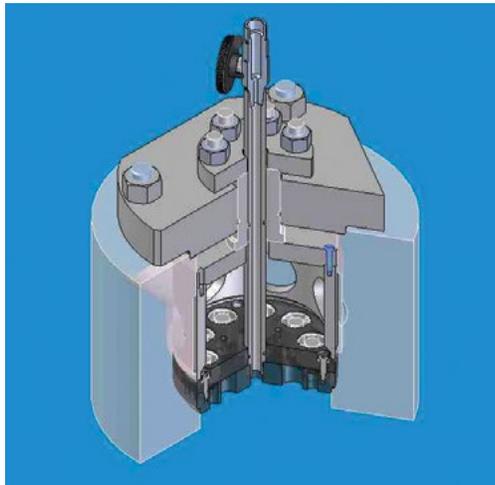
**INCLUDE INDICATOR PORTS WITH YOUR NEXT VALVE UPGRADE**

Cook Indicator Ports can be included with any new MOPPET® or Manley® radiused element compressor valves, as well as with Optima™ series plate valves. Indicator ports can also be retrofitted to your existing valves as part of upgrade projects.

To learn how easy it is to begin pressure monitoring on your compressors with Indicator Port valves, contact your Cook Compression representative.



*Cook Indicator Ports access pressure through the center of a compressor valve and retain pressure with O-ring seals. This illustration shows an Indicator Port with an HSR high-strength restraint, which secures the valve using outside cap screws.*



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PERFORMANCE  
+ RELIABILITY  
+ EFFICIENCY



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