

## Service Valve

Three ball-type service valves are available for use with Metal Samples Corrosion Monitoring Systems retrieval tools: standard, low and high temperature. The female threads on this valve are industry-standard ACME threads and may be used with any Metal Samples Corrosion Monitoring Systems high pressure access fitting as well as any other 2" access fitting. The valves have a bleed valve located on the non-process side of the ball. This bleed valve may be used to drain the retrieval tool, sample process, or be used as a path for back-pressuring. All valves are NACE MR-0175 compliant for use in sour service, factory pressure tested for a working pressure of 3600 psi\* W.O.G., and meet API6FA and API607 fire safe requirements.

The service valve is a portable valve that is used in conjunction with a retrieval tool. The service valve is threaded onto an access fitting in preparation for retrieving a plug. Next, the retrieval tool is attached to the service valve. System pressure is then equalized in the retrieval tool by unseating the plug. Occasionally deposit buildup in access fitting bodies does not allow for pressure equalization through the plug. If this occurs, the retrieval tool can be back-pressured by use of a back-pressure kit (P/N - HA104000). Once pressure equalization has occurred, the plug is removed and the valve is shut. Finally, the retrieval tool is removed from the valve allowing access to the plug and its accessory. A Blanking Cap/Plug Assembly (P/N - PS5612) may be installed on the valve as an additional safety measure, if required.



Figure 4. Service Valve

Service valves are supplied with a durable lightweight field service case, extension bar, tool kit, and one O-ring seal kit. Additional accessory items are listed below.

### Model

HA101250 (Standard Temperature Valve)	200°F to 0°F (93°C to -18°C)
HA101251 (Low Temperature Valve)	200°F to -50°F (93°C to -46°C)
HA101252 (High Temperature Valve)	450°F to 0°F (232°C to -18°C)

### Physical Data

Valve Weight: 45 lbs.  
Case Dimensions: 12 3/4" x 13 3/4" x 20 1/4"  
Case Weight: 25 lbs.  
Total Weight: 70 lbs.

### Accessory Items

Part No.	Description
KR1009834	Standard Temperature Seal Kit
KR1010	Standard Temperature Repair Kit
PR6303834	Standard Temperature Male End O-Ring
HA700604834	Standard Temperature Female End O-Ring
PS5612	Blanking Cap/Plug Assembly
PR6358	Brass Hammer (supplied in each retrieval tool kit)

### Specifications

- Complies with API6FA and API607 as a fire-safe unit
- NACE MR0175
- Pressure rating - 3600 PSI
- Seal options available for temperature ratings up to 450°F

\* A 6000 psi model is also available. Contact our sales department for details.