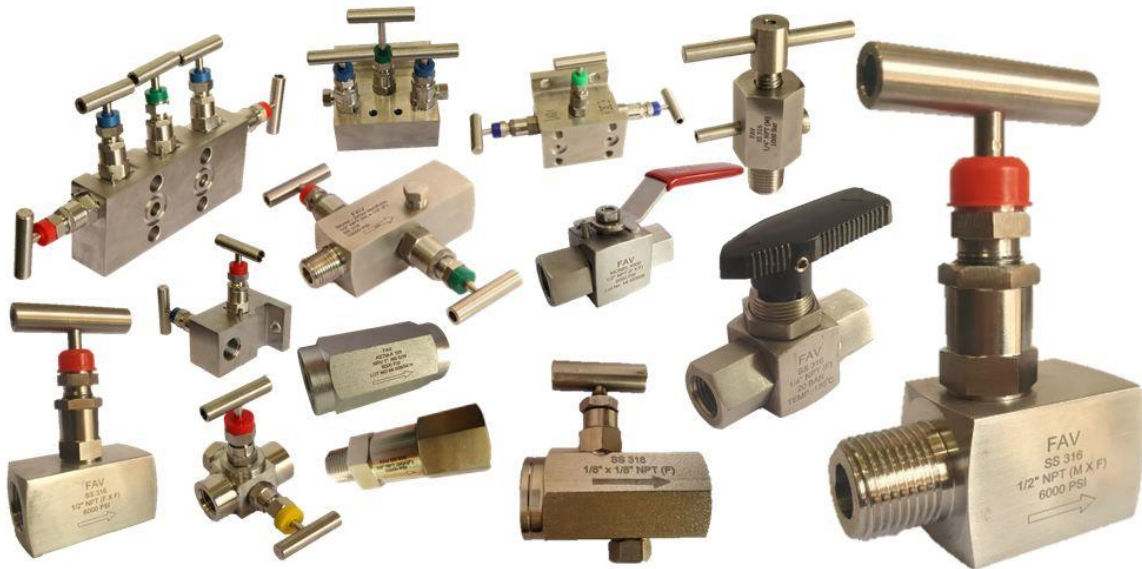


# INSTRUMENTATION VALVE QUICK SHEET



## Instrumentation Valves

Instrumentation valves are precision-engineered solutions designed for accurate control and reliable performance in industrial applications. Manufactured from high-grade stainless steel, such as SS316 and SS304, these valves offer excellent corrosion resistance, making them ideal for demanding environments, including chemical processing, oil and gas, pharmaceuticals, and food and beverage industries.

## Features

- **Temperature Range:** These valves can operate effectively in a temperature range of -196°C (-321°F) to 648°C (1200°F), depending on the valve type and material specifications.
- **Pressure Class:** Available in pressure ratings such as Class 150, 300, 600, and 800, with some valves rated up to 6000 PSI, ensuring suitability for high-pressure applications.
- **Connection Types:** Options include threaded (NPT), socket weld, tube fittings, and flanged connections to accommodate various instrumentation systems.
- **Applications:** These valves are widely used for flow regulation, isolation, and monitoring in instrumentation lines, gas distribution systems, and process control setups.

Instrumentation valves provide high precision, leak-tight sealing, and exceptional durability, ensuring long-term performance and safety in critical industrial processes. With their ability to withstand extreme pressures and temperatures, they are a dependable choice for applications where reliability is paramount.