

INSTRUMENTATION VALVES

PROGRAM

Size inch (DN)	½"(15) – 2"(50)
ANSI class (lbs)	150-4500
API rating (psi)	3000-15000
DIN rating (PN)	10-400

STANDARDS

ASME B16.34
DIN
PED
Manufacturers standard

RANGE

Pressure	vacuum to 1034 bar(g)
Temperature	-196 deg.C to 850 deg.C

CONSTRUCTION

Modular
Manufacturers standard

TIGHTNESS PERFORMANCE

ISO 5208
EN 12266 Part 1/2
Client specification

END CONNECTIONS

Flanged (FF, RF or RTJ)
Butt weld
Socket weld
Threaded male/female (NPT, BSP, API)
Hubbed or mechanical ends
SAE flanged
Compact flanged
Client specification

Instrumentation valves require a different (engineering) approach than the valves in the oil and gas industry. But for Merwede, this product line is common practice. From needle valves, straight type, to customized manifold with optimal CV values.

To meet most flow, pressure and level measurement application requirements, Merwede manifolds are designed for static pressure and liquid level applications; the 3 and 5 valve manifolds are well suited for use with most differential pressure transmitters and can accept both female and flanged process impulse line connections.



2" - 2500 lbs / ¾" NPT insulation valve



2" - 1500 lbs