



VALVEWERKZ

SEMICONDUCTOR & CLEANROOM SYSTEMS

Industry Application

Semiconductor & Cleanroom Systems

Valves Designed for Purity, Precision, and Process Integrity

In semiconductor and electronics manufacturing, even the smallest contamination can impact yield and reliability. Valvewerkz delivers valve solutions engineered for ultra-clean media transfer, process gas lines, and utility systems. Our valves meet cleanroom standards to safeguard product quality, minimise particle generation, and support stable production in high-purity environments.



Key Applications



Ultra-Clean Water & Chemical Delivery

Leak-tight control for ultrapure water and aggressive chemical media.

- Ball Valves (10, 20, 50, 90, 80, 203 Series)
- Butterfly Valves (BU25, BU26 Series)
- Bellow Seal Globe Valves (GL25, GL26 Series)



Process Gas Distribution

High-integrity sealing for vacuum, inert, and specialty gas lines.

- Ball Valves (10, 20, 50, 80, 90 Series)
- Bellow Seal Globe Valves (GL25, GL26 Series)
- Check Valves (DC, SC Series)
- Butterfly Valves (BU26 Series)



Cleanroom Utility Lines

Reliable performance for HVAC, chilled water, and compressed air services.

- Ball Valves (50, 80, 203 Series)
- Butterfly Valves (BU25, BU26 Series)
- Bellow Seal Globe Valves (GL25, GL26 Series)







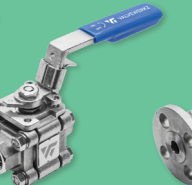

Chemical Mechanical Planarisation (CMP) & Wet Processes

Corrosion-resistant solutions for slurry, etching, and cleaning applications.

- Ball Valves (50, 90, 80, 203 Series)
- Butterfly Valves (BU25, BU26 Series)
- Bellow Seal Globe Valves (GL25, GL26 Series)

Product Capability for Key Functions

Valvewerkz valves support ultrapure water, process gases, and precision chemical systems with cleanroom-grade sealing and low contamination risk.

Product / Key Applications	Ball Valves					
						
	10 Series	20 Series	50 Series	90 Series	80 Series	203 Series
Ultra-Clean Water						
Chemical Delivery	✓	✓	✓	✓	✓	✓
Process Gas Distribution	✓	✓	✓	✓	✓	✓
Cleanroom Utility Lines			✓		✓	✓
Chemical Mechanical Planarisation (CMP)						
Wet Processes			✓	✓	✓	✓

Why Valvewerkz for Semiconductor & Cleanrooms

- ✓ Cleanroom-compliant designs for purity and reliability
- ✓ Materials engineered for corrosion resistance and low particle emission
- ✓ Proven sealing technology for high-purity gases and liquids
- ✓ Technical support and product availability across Southeast Asia

Bellow Seal Globe Valves



GL25 Series



GL26 Series

Butterfly Valves



BU25 Series



BU26 Series

Steam Traps Valves



ST60 Series



ST61 Series



ST62 Series



The background of the page is a solid dark blue color. On the left and right sides, there are vertical strips of an industrial scene. The scene shows a complex network of pipes, valves, and machinery, likely from a refinery or chemical plant. The pipes are painted in various colors, including red, white, and blue. There are large valves with handwheels and various fittings. The overall impression is one of a busy, industrial environment.

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