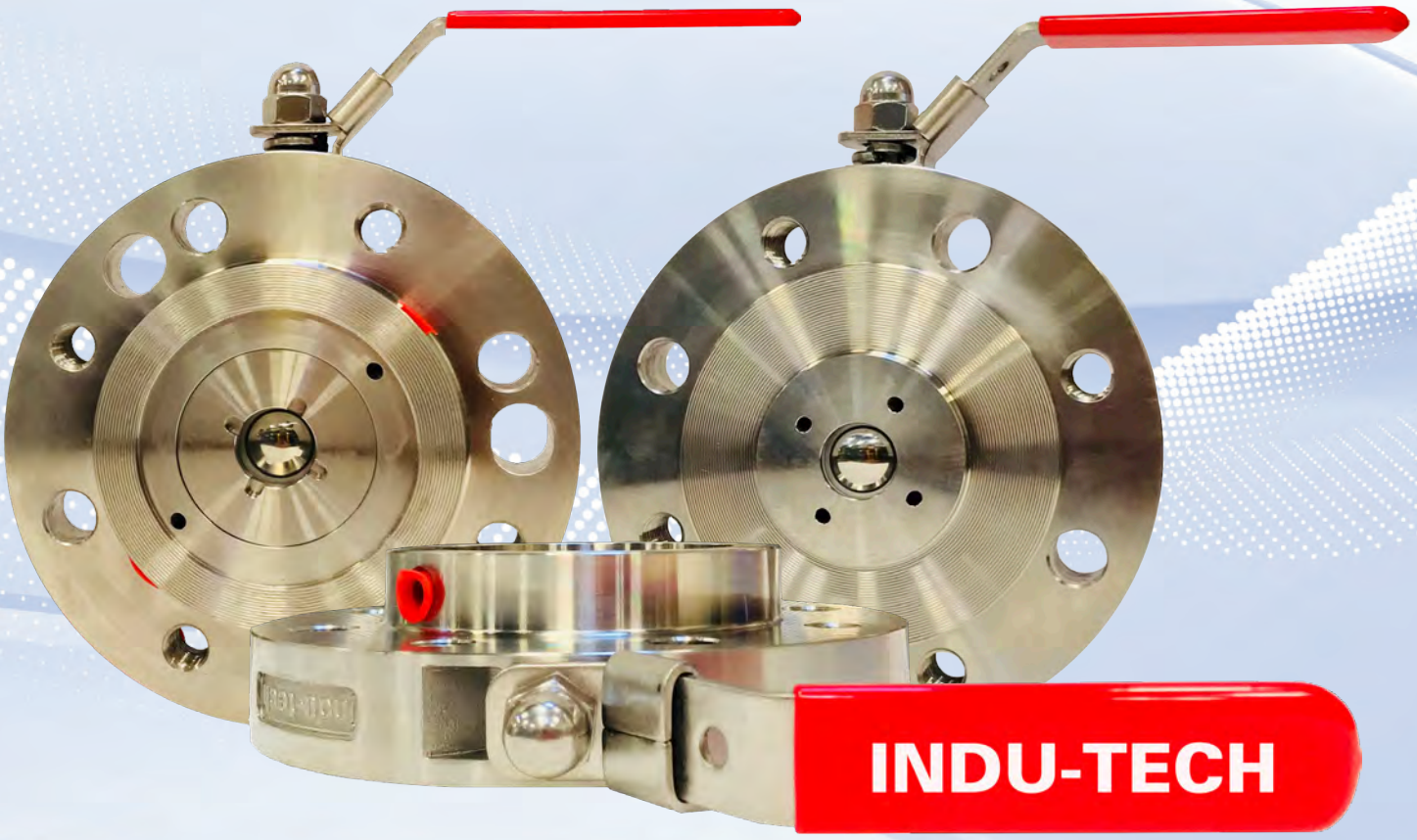
SCG
INDU-TECH

LEVEL TRANSMITTER ISOLATION VALVE



BUILT TO GET THE JOB DONE

Reduced plant maintenance. Improved instrument calibration. Enhanced employee health and safety. For over 35 years, the Indu-Tech Level Transmitter Isolation Valve has been built to the get job done under the toughest conditions at industrial sites around the world. With an optimized design that enables superior level measurements, simplified installation, and the industry's only Swirl-Purge™ in-situ flushing feature, the Indu-Tech Level Transmitter Isolation Valve sets the standard for long-term and trouble-free performance.

Reduced Plant Maintenance

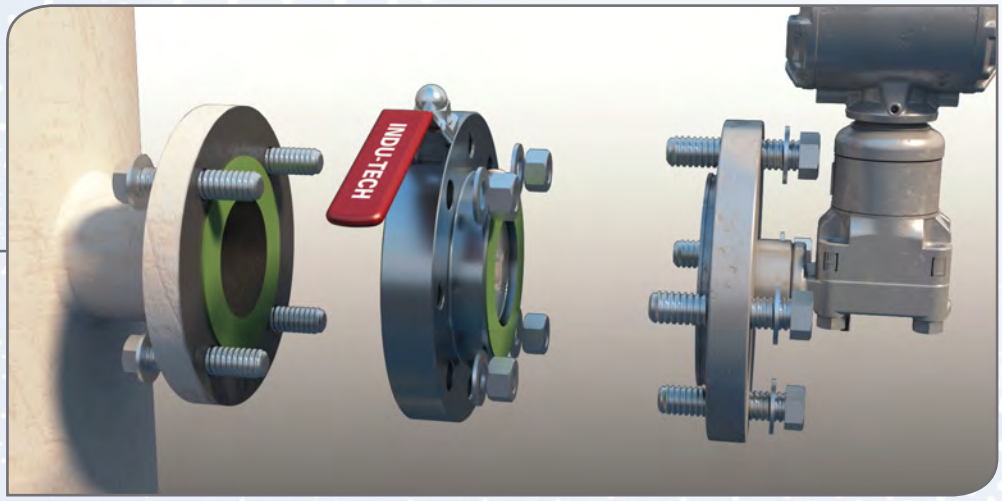
Maximize uptime at your facility by eliminating the time and cost associated with draining process tanks to change-out or calibrate level measurement instrumentation.

Improved Instrument Calibration

Save maintenance staff time with the unique Swirl-Purge™ in-situ flushing feature which ensures a clean and clog-free passageway directly to the level transmitter diaphragm.

Enhanced Employee Health and Safety

Reduce the amount of time that staff spend around process tanks for maintenance and eliminate the health and safety challenges associated with leaking valves – especially knife gate valves.





Installation of the Indu-Tech Level Transmitter Isolation Valve is straight forward.

Valves mount to tanks and instruments using standard ANSI or metric bolt patterns.

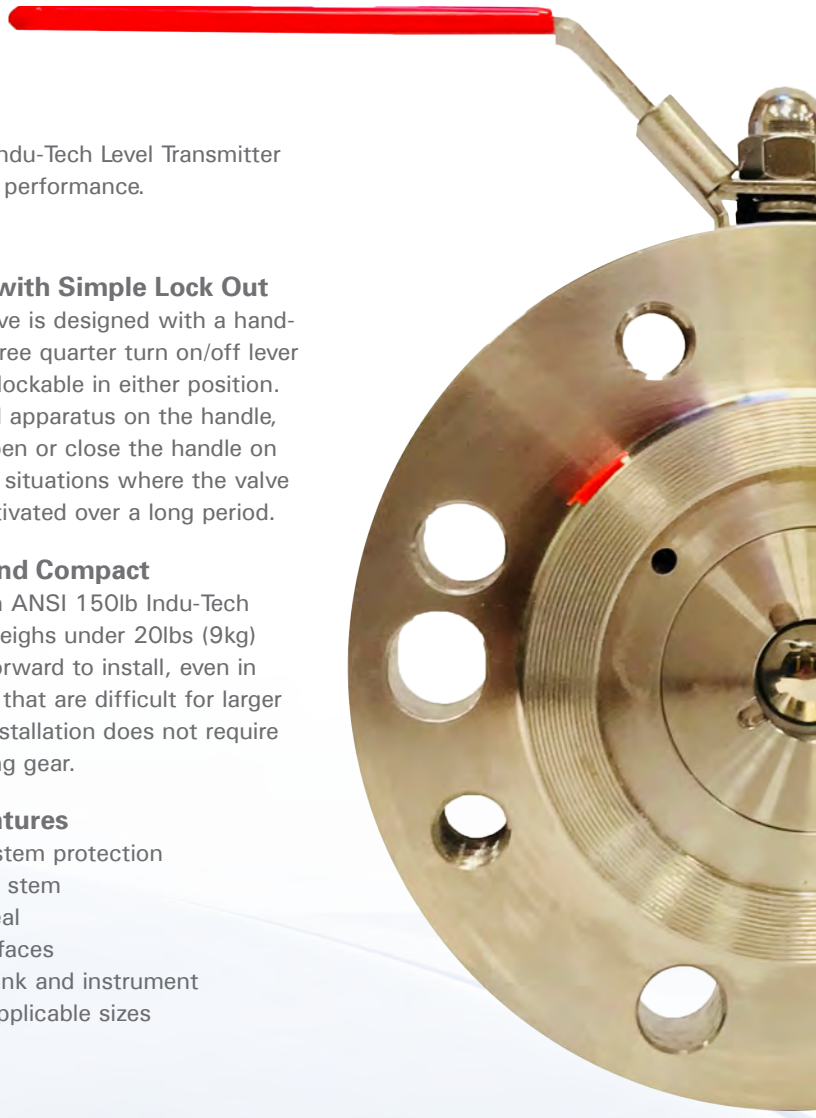
Thru holes are provided for mounting the valves to the tank flange.

Threaded holes are provided on applicable sizes for mounting the instrument to the valve independent of the tank flange.

The Dezurik bolt pattern (available on select models with the "DS" suffix) allows the valves to retrofit existing knife gate valve installations with offset mounting.

UNMATCHED DURABILITY AND FUNCTIONALITY

Designed to reduce maintenance and improve calibration, the Indu-Tech Level Transmitter Isolation Valve has a proven track record of superior, long-term performance.



Bubble Tight Seal

The isolation valve features a close captured seated ball design, which ensures that the process medium does not build up internally as commonly experienced with open cavity ball valves.

Universal Mounting

Each valve is equipped with a standard ANSI or metric bolt pattern for mounting. Tank and instrument bolting patterns are separate on applicable sizes for independent mounting of the valve and transmitter. This ensures a safe working environment when removing the instrument from the tank during routine operations.

Thin Cross Section

The isolation valve features a thin cross section which ensures the level transmitter is as close as possible to the process tank for better measurement accuracy.

Lever Handle with Simple Lock Out

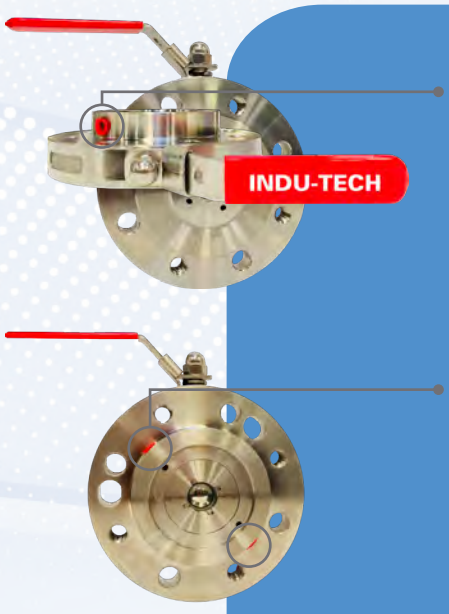
The isolation valve is designed with a hand-operated 90-degree quarter turn on/off lever handle which is lockable in either position. With no exposed apparatus on the handle, operators can open or close the handle on demand, even in situations where the valve has not been activated over a long period.

Lightweight and Compact

The standard 3in ANSI 150lb Indu-Tech isolation valve weighs under 20lbs (9kg) and is straight-forward to install, even in confined spaces that are difficult for larger valve designs. Installation does not require mechanized lifting gear.

Additional Features

- Double o-ring stem protection
- Blow-out proof stem
- Bubble tight seal
- Raised gasket faces
- Independent tank and instrument mounting on applicable sizes



Tank Side Swirl-Purge™

The ½ inch NPT Swirl-Purge™ in-situ flushing feature allows the passageway between the valve and tank to be cleaned without removing the valve or instrument. Four angled flushing holes create a swirling pattern that removes media and allows it to perform effectively under tough process conditions including black & white liquor, acid, and peroxide service.

Instrument Side Swirl-Purge™

The dual ¼ inch NPT instrument side purge can perform several functions depending on the piping configuration. These include instrument-side flushing, drainage, pressure relief, and in-situ calibration of the transmitter without removing the instrument. Like the tank side Swirl-Purge™, angled holes create a swirling flush pattern for effective operation with harsh process media.

PART NUMBER BREAKDOWN

Type	Special Options	Flange Size	Flange Rating	Material	Bolt Pattern
LT	(BLANK)	3	1	10	DS

Code	Description
(BLANK)	Standard Bolt Pattern
DS	DeZURIK Compatible
10	316 SS
20	254SMO (6% Moly)
30	Titanium
40	Hastelloy C276
50	2205 SS
1	150lb Class
3	300lb Class
2	2″ Diameter Flange
3	3″ Diameter Flange
4	4″ Diameter Flange
(BLANK)	Standard
M	Metric (Optional)
LT	Level Transmitter

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