



TERAVALVE™ XL™



Made with Schmidt®
XL™ Technology

The new TeraValve abrasive metering valve is revolutionary in its ability to provide high performance, pressure hold blasting at a cost effective price point. It is the result of a new approach in thinking, combined with the tradition of Schmidt® expertise in design and manufacturing. The TeraValve is diaphragm activated, simplifying overall operation and maintenance. The new Schmidt extended life (XL) technology is incorporated for durability and long life, even when the valve is used with harsh abrasives. The compact size fits easily onto low clearance blast pots or blast cabinets without modification, making it easy to convert automatic blowdown pots to a more efficient and productive pressure hold system.

FEATURES

- Longer life than the classic Thompson and Thompson II valves
- Rugged corrosion-resistant stainless steel body
- High-grade Tungsten Carbide plunger and sleeve for extended life
- Diaphragm actuation which makes the Tera valve highly tolerant of dusty environments.
- Utilizes Schmidt XL technology to mitigate and withstand dust in valve internals
- User-friendly clean-out port, which is easy to remove/reinstall
- Virtual Position Indicator (VPI) provides a visual representation of valve orifice so metering is simple to set and maintain
- Easy to disassemble even after extended use, making service easier
- Compact design makes it easy to retrofit lower clearance blast pots without vessel modification

SPECIFICATIONS

Air requirements:	75 psig
Piping sizes:	3/4", 1", 1 1/4", 1 1/2"
Weight:	10.6 lbs
Dimensions:	5 1/2" x 4 5/8" x 10 1/2"



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THOMPSON® VALVE II XL™



The Thompson Valve II Extended Life (TVII™ XL) is the latest innovation in the industry-leading Thompson Valve line. It is engineered for maximum durability and life in the harshest applications, performing best when used with the most aggressive abrasives such as aluminum oxide and steel grit. No other valve offers the performance and durability of the TVII XL. Tests indicate that service life is extended up to five times for dramatically minimized downtime, all while maintaining the Schmidt® standard of precision abrasive metering the Thompson Valve line is renowned for.

In addition to the life-extending design upgrades, the valve's ergonomic improvements make the TVII XL the most advanced and most easily maintained metering valve available.

FEATURES

- Improved Virtual Position Indicator (VPI™) provides a visual representation of abrasive flow setting; metering is simple to set and maintain
- Control system signal ports relocated for easy access when valve is installed
- Heavy duty castings with improved life in high wear areas
- Redesigned piston improves spring stability, providing quick and smooth actuation and extended spring life
- Upgraded clean-out plug has straight threads and face seal for an airtight seal; no pipe tape required
- Upgraded plunger seal design reduces friction for quick response
- Advanced sleeve design reliably prevents dust migration and mechanical binds, significantly extending life
- Unique sleeve design allows easy removal of sleeve and plunger for inspection and replacement



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