

Micro Valve[®] 3

The newest valve in the Schmidt[®] MicroValve family. Engineered for extended life and ease of maintenance.

A product of Axxiom Manufacturing, Inc.



Designed for an extended service life, so your job is that much simpler!

The Schmidt MV3[™] abrasive metering valve is the newest innovation in the family of industry leading Schmidt abrasive metering valves. The MV3 offers the proven productivity and safety advantages that Schmidt valves deliver to abrasive blasting operations through the precise metering of abrasive, along with

- Extended the service life
- An improved cleanout port
- Easy access to wear components for safe, efficient maintenance

Features:

- Service life is extended by enhancements including
 - Stainless steel machined body
 - Abrasion resistant steel base
 - Thick rugged steel mounting nipple
- Overall valve design enhances maintenance efficiency by controlling downtime while delivering precise control of abrasive flow
- Flanged style cleanout provides easy access to and removal of debris
- Virtual Position Indicator (VPI[™]) under the knob allows for quick and consistent abrasive flow setting to optimize productivity



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Specifications:

Body:	Quality stainless steel	Length:	7 ½"
Base/Nipple:	High strength, hardened steel	Width:	6 ¾" - 7 ½"
Sleeve:	Polyurethane	Height:	5" - 5 ½"
Inlet Media Connection:	1 ¼" NPT	Weight:	7.85 lbs
Piping Sizes:	1 ¼", 1 ½"		(8.5 lbs with the steel mounting nipple)

Comparing the MV3:

Valve Features	Schmidt MicroValve	Schmidt MV2™	Schmidt MV3	MV3 Benefits
Body	Aluminum	Carbon steel	Stainless steel	Extends valve life, especially with aggressive media
Base/Nipple	Carbon steel	High strength hardened steel	High strength hardened steel	
Bolt Holes	Not sealed	Sealed	Sealed	Eliminates air leaks around bolts
Knob	Pin-fastened	Integrated	Integrated	Simplifies assembly/disassembly
Media Connection	1 ¼" female NPT	1 ¼" male NPT	1 ¼" female NPT	Thick rugged steel mounting nipple (included) increases valve life
Abrasive Flow Rate	Normal	High	High	Flows more abrasive (up to 2x more, depending on media type)
Virtual Position Indicator (VPI)	No	Yes	Yes	Simple to set and maintain consistent media flow rate. See it, set it
Knob Adjustment	Yes	Yes (large)	Yes (large)	Easy to use, more compact than other handle types. Large knob is easy to grip and adjust
Cleanout Port	No	Yes	Yes	Clear obstructions without removing/disassembling valve
Maintenance Access Req'd	Top, bottom	Bottom	Bottom	Easy access, fewer components shorten rebuild maintenance time
Body Bolt	5/16" x 3 ¼"	3/8" x 1"	3/8" x 1"	Simplifies assembly/disassembly



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