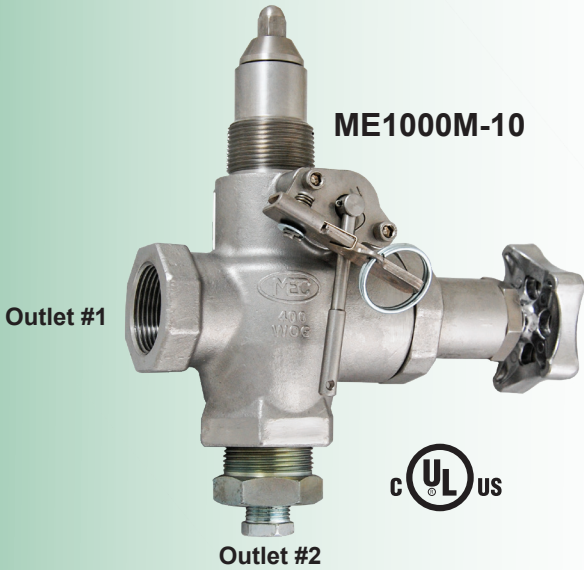




EXCELERATOR™ 1-1/4" INTERNAL COMBINATION VALVE

The **ME1000 Series Internal Combination Valve** is uniquely designed to incorporate the full functionality of the primary internal control valve and excess flow protection, followed by a fully integrated positive shut-off downstream valve section, plus incorporation of the stainless steel filter element section of a traditional Y-Strainer, all packed neatly into one compact unit. This all leads to a combination construction with reduced connection joints, leak points and overall weight, perfectly suited for liquid or vapor withdrawal in dispenser and nurse tank applications along with emergency liquid withdrawal on stationary and mobile tanks, among many other applications for this universal valve series. The ME1000 series features a range of excess flow closing springs and the universal tee body design ships complete with the bottom port factory plugged, allowing for plumbing configurations in tight clearance areas.

The ME1000 Series is also designed to utilize the standard ME990 Series internal valve packing glands for ease of serviceability.



SPECIFICATIONS:

- Durable 316 CF8M stainless steel cast body
- All stainless internal component construction
- 1-1/4" MNPT internal valve inlet connection with 2 outlets
- 1/4" NPT plugged auxiliary port
- Standard 40 mesh strainer screen factory installed
- Large variety of excess flow closing values
- Factory installed plug (bottom outlet)
- Industry's fastest bleed time
- Removable data plate
- Less weight (9.6 lbs vs. approximately 20 lbs)
- Fewer leak points
- Standard construction utilizes Nitrile seals
- Also available with FKM seals
- Rulon™ bearing on stub shaft
- Integrated shutoff valve pilot feature



Part No. *	Inlet	Outlet #1	Outlet #2	Optional Liquid Closing Flow Values**	Latch/ Actuator Type	Accessories	
ME1000-10-A/"X"	1-1/4" MNPT	1" FNPT	1" FNPT	"X" 40 GPM 50 GPM 70 GPM	—	ME1000F-101-20 20 mesh strainer screen	
ME1000A-10-A/"X"					Pneumatic		
ME1000AR-10-A/"X"					Rotary		
ME1000M-10-A/"X"					Manual Latch		
ME1000-10-B/"X"					—		
ME1000A-10-B/"X"					Pneumatic		
ME1000AR-10-B/"X"		Rotary	ME1000F-101-80 80 mesh strainer screen				
ME1000M-10-B/"X"		Manual Latch					
ME1000-10-C/"X"		1-1/4" FNPT		1" FNPT	"X" 55 GPM 70 GPM 95 GPM	—	ME1000F-101-100 100 mesh strainer screen
ME1000A-10-C/"X"						Pneumatic	
ME1000AR-10-C/"X"						Rotary	
ME1000M-10-C/"X"						Manual Latch	
ME1000-10-D/"X"			—				
ME1000A-10-D/"X"			Pneumatic				
ME1000AR-10-D/"X"		Rotary	NOTE: 40 mesh replacement also available - see replacement parts section				
ME1000M-10-D/"X"		Manual Latch					

* Indicate desired excess flow closing value when ordering - see chart for values - i.e. ME1000-10-A/50 (50 GPM)

To order FKM add "V" after the prefix part number i.e. ME1000V-10-A/70

** For NH₃ multiply GPM by .90