

HAMMER INJECTION BLOCK

An **ASI** *Original* stainless steel HAMMER product.



- 303 stainless steel machined metering injection control block
- ASCO explosion proof Class 1, Div. 1, Group C & D, 120 VAC solenoid with Chemraz seat machined directly into block
- 316 stainless steel oval gear set with nominal 5200 PPG output with tungsten carbide pins
- Block assembly rated up to 400 psig operating range
- Industry standard mounting dimensions
- Military grade covers with attached chains to provide tamper resistance to the allen wrench operated block valves
- 80 mesh strainer basket positioned in face of block for easy cleaning
- Hall effect 3-wire sensor 5-30VDC approved for hazardous locations
- Check valve machined directly into block body and oriented for positive shut off
- Flow range from .07 to 3.0 GPM
- Strainer body machined directly into the block body
- Designed for use with PLC's, electronic presets, or terminal automation systems
- Inlet and outlet block valves for isolation
- 3/8" FNPT inlet and outlet ports
- Quick connect test port machined directly into the block with stainless steel snap-in-place protection cap attached with steel retaining wire to prevent loss

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HAMMER INJECTION BLOCK PERFORMANCE

- Maximum additive flow rate of 3 GPM (11 LPM) @ 1cST viscosity
- Minimum injection of 2 cc's

HAMMER INJECTION BLOCK PLUMBING

- All stainless steel, Teflon and Chemraz wetted parts
- 3/8" FNPT inlet and outlet connections machined into the block
- Combination isolation and flow control needle valve for both the inlet and outlet machined into the block
- 3 GPM oval gear meter with SS gears machined into the block
- ASCO explosion-proof solenoid machined into the block
- Test port integrated right on the block with quick connection
- A Calibration Kit (ASI IB1000-00) is required in order to calibrate the Hammer Block

ELECTRICAL

- Explosion proof solenoid standard available in 120 VAC
- 3-wire hall effect meter pickup requires 5-30 VDC supply and supplies open collector high speed pulses, unsourced
- 5200 PPG
- 1/2" FNPT conduit openings in sensor and solenoid may be oriented to top or bottom of the block

