

Press Release



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For Immediate Release

Supper Rugged Packed Plunger Metering Pump

JaecoPak™ packed plunger metering pumps feature super rugged construction including continuously lubricated bronze gears immersed in oil, super heavy duty cast iron housings and specially engineered liquid ends for longer pump life. Proven in use for over fifty-five years, these positive displacement pumps provide virtually maintenance-free accurate metering of both chemicals and solutions. Available in both simplex and duplex, field convertible models, pump capacities range from 0.38 to 150 GPH at pressures up to 2,000 PSI with an accuracy of $\pm 0.5\%$ at steady state.

Pump capacity is manually adjustable from 0 to 100% by varying piston stroke length, but only while the pump is stopped, as a safety precaution and for tamper resistance. Capacity is also easily automated using a variable-speed drive.

A single ball check valve, standard on both suction and discharge side of pump, provides accurate metering and fast response. The valve ball turns with the fluid flow, constantly presenting a new face to the seat, while also making it self-cleaning.

Pump arms can be reversed to reduce footprint. Duplex pump pistons are normally 180° out of phase, but can be synchronized so that two fluids can be pumped simultaneously. Different size pistons can be used on each side of duplex pumps to produce different outputs.

Liquid ends are available in 316 stainless steel or Alloy 20 from stock. JaecoPak pumps are supplied on base plate with or without motor. A wide range of motor options and accessories are available.

Jaeco also manufactures Diaphragm metering pumps with capacities from 0.8 to 56 GPH at pressures up to 1,200 PSI, stainless steel (SS) ball and poppet check valves and SS compression fittings.

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