plastiXs
A GLOBELUS Company

SMARTFLOW®

FLUID DISTRIBUTION & CONTROL

Domestic Distributor of the Year **SINCE 2003**

- PREMIUM QUALITY
- PROVEN PERFORMANCE
- BUILT TO LAST

MANIFOLDS

SMARTFLOW®
Aluminum Manifolds

Highest quality, one-piece extrusion with no welds. Anodized for corrosion resistance and years of trouble-free service.

- 3/4",1",1.5" and 2" NPT(F) inlet/outlet
- Number of ports: 4,6,8,10,12 & 16

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SMARTFLOW®
Stainless Steel Manifolds

Excellent for high-flow applications where durability is crucial.

- 1" and 1.5" NPT(F) inlet/outlet
- Number of ports: 4,6,8,10,12 & 16

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SMARTFLOW®
Stainless Steel Manifolds with Low Profile Ports

Suitable for a wide range of liquid handling applications.

- 1" and 1.5" NPT(F) inlet/outlet
- Number of ports: 4,6,8,10,12 & 16

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SMARTFLOW®
Duoflow Manifolds

Divided internally and anodized red on one end and blue on the other to denote supply and return on a single compact unit.

- 3/4", 1" and 1.5" NPT(F) inlet/outlet
- Number of ports: 8,12 & 16

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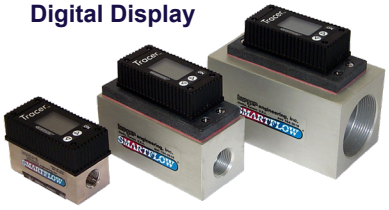
FLOWMETERS

TRACER®
Electronic Flowmeters with Digital Display



Electronic flowmeters with digital display, 0-8 to 10-110 gpm, and nickel-plated brass, aluminum or stainless steel body.

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TRACER®VM
Electronic Flowmeters with User Interface

Programmable SPDT Switch, Analog Output and FCI (Flow Characteristic Indicator) Technology with New Totalizer Function.

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TRACER®
Electronic Switching Flowmeters

Measures liquid flow rate and temperature while providing one programmable switching set point for high or low flow or temperature.

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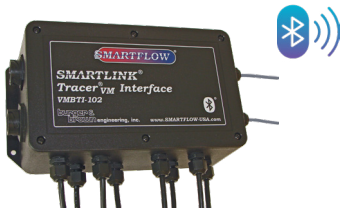
TRACER®VM
w/Bluetooth Interface



Collects, transmits and saves data from Tracer®VM Base flowmeters installed in injection mold cooling circuits.

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TRACER®VM
Base Electronic Flowmeters

A non-display sensor that provides a 0.5 to 3.5 volt output for process temperature and flow rate. Designed for use in industrial water applications such as injection mold cooling or filter and pump monitoring.

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SMARTFLOW®
Mechanical Flowmeters

Mechanical flowmeters in many sizes with flow rates from 1.5 gpm to 150 gpm and optional temperature and pressure gauges.

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SMARTFLOW®
High-Temperature Water & Oil Flowmeters

Flowmeters for hot oil / pressurized water (2-6 scale) or hot oil only (5-40 gpm scale) operating temperature up to 550°F, 150 psi.

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SMARTFLOW®
Dr. Eddy Flowmeters

Diagnoses flow condition using FCI (Flow Characteristic Indicator) Technology to achieve turbulent flow and minimize water usage

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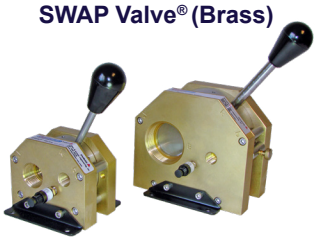
SWAP VALVES & FLOW REGULATORS

SMARTFLOW®
SWAP Valve® (Brass)



Supplies cooling water to the mold during processing or air to purge the water from the mold before a mold change; available in 1" and 2" bodies and with optional check valve and locking pin.

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SMARTFLOW®
SWAP Valve® (Molded Body)

Available in 1" body only and with optional check valve and locking pin.

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SMARTFLOW®
Brass Flow Regulator

Incorporates the proven mechanical flowmeter and integral needle valve in a unique, leak-free, single-point manual flow control design.

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SMARTFLOW®
Delta-Q Flow Regulator

Low-cost precision flow regulator module that can be used in conjunction with other SMARTFLOW® components; optional flowmeter and temperature gauge.

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MOLD PROTECTIVE LIMIT SWITCHES

SMARTFLOW®
Global THINSWITCH® Liquid-Resistant Limit Switch

Helps prevent accidental mold close in injection molds by verifying ejector plate return in injection molds with 3mm or 4mm rest buttons, and where occasional water or oil spray is present.

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SMARTFLOW®
THINSWITCH® Limit Switch

Prevents costly mold damage by verifying ejector plate return before closing the mold. This compact limit switch features a small footprint, fitting neatly behind the ejector plate.

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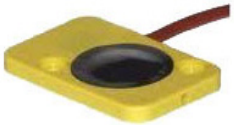
SMARTFLOW®
THINSWITCH® Liquid-Resistant Limit Switch



Designed to verify ejector plate return in areas where occasional water or oil is present. For larger molds, two switches can be wired in series to verify ejector-plate return and help prevent costly mold damage.

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SMARTFLOW®
VERSASWITCH™ Limit Switch

Installs in an injection mold to verify core position and prevent premature movement of machine components. By providing a positive indication of core location, it helps protect valuable equipment from

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SMARTFLOW®
SMARTLOCK® Slide Retainer & Limit Switch

Designed for injection molders, it combines reliable switching and slide detent functionality in one unique package. The special locking feature prevents premature slide movement during part ejection while simultaneously actuating the SPDT switch.

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MOLD TEMPERATURE CONTROL

SMARTFLOW®
Mold Temperature Regulators

Effectively controls mold cooling water temperatures between 80°F and 120°F (27°C and 49°C) to maintain a steady mold temperature.

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FASTIE QUICK EJECTOR TIE-IN SYSTEM

SMARTFLOW®
FasTie Quick Ejector Tie-In System

Quickly "ties-in" the mold ejector plate to the press ejection system in an injection molding press, dramatically reducing mold change time.

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