

Aluminium manifolds

High Quality and manufactured to exacting standards. One piece extrusion and anodized for corrosion protection.

- Predrilled for easy mounting
- Anodized for corrosion protection
- Interlocking bodies (3/4" to 1-1/2")
- Bespoke to your porting requirements
- 3/4" to 2" BSPP Supply - 1/4 to 1" BSPP Ports
- Available with connectors, ball valves and flow meters



Mechanical Flow Meters

Compact solid brass or aluminium construction with Polysulfone windows.

- Temperature rating to 115°C
- Anodized corrosion resistance
- Pressure rated to 100 psi (6.89 bar)
- Liquid-filled pressure gauge also available
- Optional thermometer and pressure gauge



Stainless Steel manifolds

304SS construction giving you corrosion and Chemical protection.

- Leak tested
- Single or parallel
- Chemical protection
- Predrilled for easy mounting
- Bespoke to your porting requirements
- 3/4" to 1-1/2" BSPP Supply - 1/4 to 1/2" BSPP Ports
- Available with connectors, ball valves and flow meters



Hot Water/Oil Flowmeters

Stainless steel construction to 288°C

- Throughput 6 gpm (us)
- Temperature rating to 288°C
- All stainless steel construction
- Pressure rated to 150 psi (10.34 bar)

Hot Oil Flowmeters

Safety and performance to 288°C

- Throughput 40 gpm (us)
- Temperature rating to 288°C
- Stainless steel internal parts
- Pressure rated to 150 psi (10.34 bar)
- Body carbon steel with black oxide body (1" supply)





For more information or to find your local distributor please visit: www.SmartflowEurope.com

Tracer® Electronic Flowmeters

Digital process control, local and remote signal outputs



- All model 3/8" to 2" BSP(P) supply
 - 2-418 litres per minute
 - Display of Temperature, Flow and BTU's
 - Temperature and flow alarms
 - Local display, remote alarm,* and variable output*
 - Temperature rating to 110°C
 - 100 psi (6.89 bar) or 150 psi (10.34 bar) 3/8" only
- * see table

| Model | DD | NEW DDS |
|--|----|---------|
| 8-28VDC | X | ✓ |
| Battery powered | ✓ | X |
| Brass nickel plated body (3/8" model only) | ✓ | ✓ |
| Aluminium anodized body | ✓ | ✓ |
| Temp. Flow and BTU monitor | ✓ | ✓ |
| Temp. or Flow SDPT switch output | X | ✓ |
| Temp or flow analogue output to pc process | X | ✓ |



Flow Regulators

Inline or manifold mounted

- Leak free design
- Solid Brass Body
- Needle valve control
- Optional Temperature gauge
- Temperature rating to 115°C
- Pressure rated to 150 psi (10.34 bar)



Mould Temperature Regulators

Accurate Mould heating control with no power or floor space required.

- No Power required
- Very low running costs
- Inlet 1/4" - Outlet 1/2"
- Temperature control 27° to 49°C
- Pressure rated to 125 psi (8.6 bar)
- Unaffected by water pressure changes
- Unaffected by supply temperature changes
- Nickel plated brass and 303 stainless steel construction

Ferrogard™

Magnetic port filtration keep your mould cooling channels clear and increase your cycle time.

- Solid brass end caps
- Magnets C5C8 Ferrite
- Negligible pressure drop
- Collector plates Nickel plated steel
- Decreased wear in pumps, heaters and chillers
- Reduced tool and hydraulic system maintenance



✓ NEW!

Mould Safety Switches

A complete suite of ejector plate and core protection switch, potentially saving you thousands in broken tooling.



The SWAP® Valve

Empty your mould tool of water in seconds.

- Full port design
- No water to dispose
- Body 360 solid brass
- Environmentally friendly
- Valves discs 303 stainless steel
- Significantly reduce tool change times
- Protect tools from corrosion during storage



FasTie® Ejector fast connectors

Automatically lock your ejector to tooling with fast pneumatic release.

- Flexible modular system
- Hardened steel components
- Super Fast mould changes
- No mould or ejector modifications required
- Ejector force 2.5 tonnes (1") 7.5 tonnes (2")
- Space saving connectors only 1" or 2" diameter



✓ ONLY 3-4MM THICK

✓ NEW!

Ejector plate thin switches

The Global Thinswitch®

- 2 minute fitting. (No milling necessary)
- Liquid resistant
- ONLY 3 or 4mm Thick
- Over 14 million cycle life
- Temperature max. 79.4° @ 70 mA load



Thinswitch®

- 3/16" Thick
- Over 10 million cycle life
- Temperature max. 79.4° @ 2 A load
- Optional Liquid resistant model available
- Optional High Temperature model max. 121.1° @ 3.5 A load



Core safety switches

Smartlock® Core slide retainer and limit switch

- Over 10 million cycle life
- 17-27 pounds holding force
- Superior flush mounted switch
- Temperature max. 79.4° @ 2 A load
- Optional High Temperature model max. 121.1° @ 3.5 A load

For more information contact your local distributor

Affix distributor stamp here.

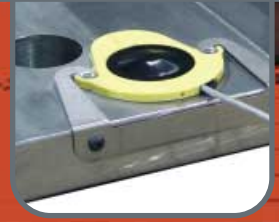
NEW PRODUCTS INSIDE!



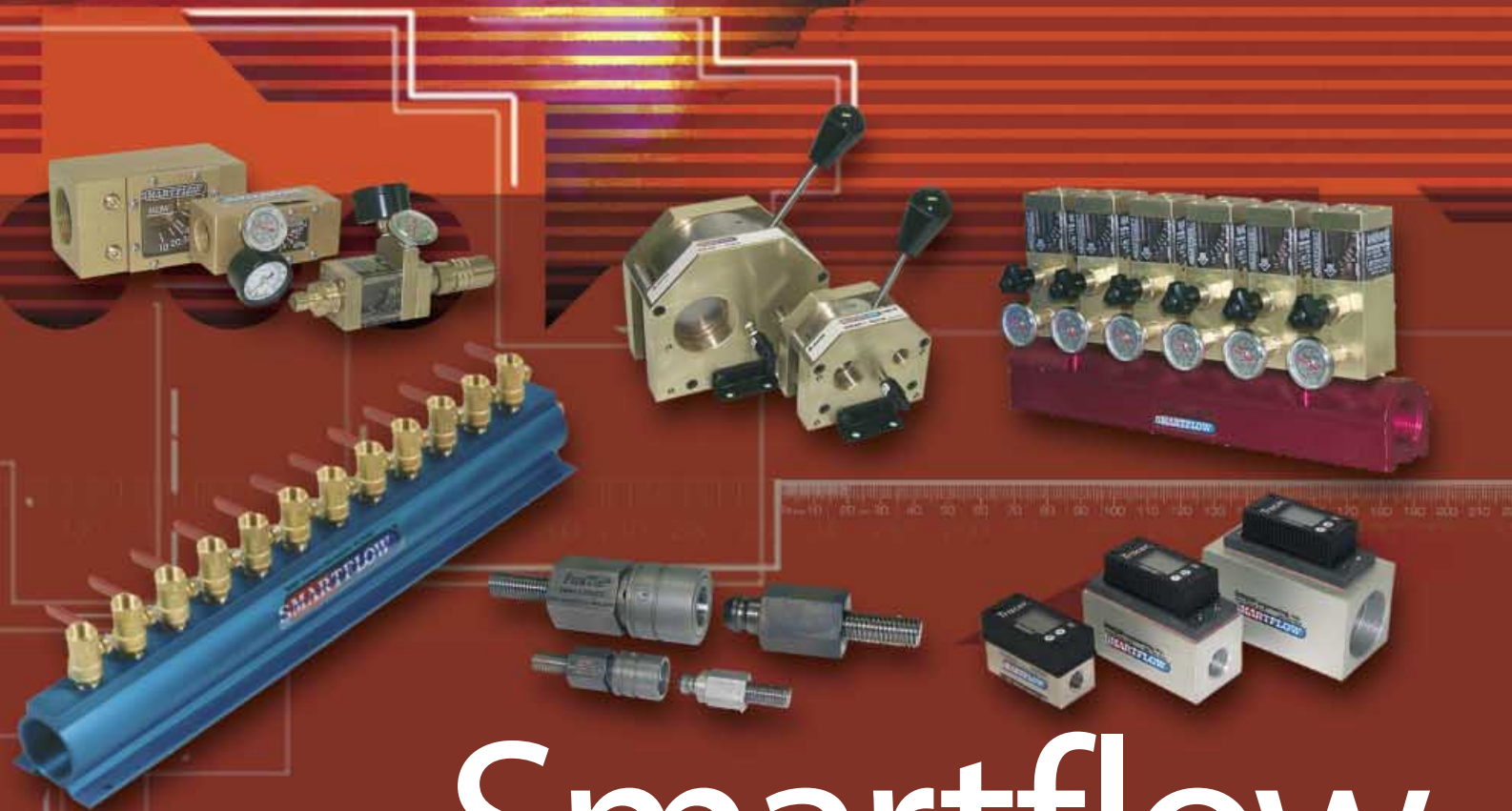
Hot Water/Oil
Flowmeters



Ferrogard™



The Global
Thinswitch®



Smartflow

Cool, connect and protect your mould
with Smartflow.

Smartflow® offers a unique approach for each product in their range. Solutions include aluminium manifolds with full corrosion protection that lock together, a full range of mechanical and electronic flow meters/flow Regulators, mould emptying valves, magnetic filtration and ejector fast connectors.

Saving you thousands in possible mould damage are a full range of ejector safety switches now including the 3mm thick Global Thinswitch®

SMARTFLOW®