

Meter-Mix Machines For Liquid Silicone Rubber



**S4-5 &
CS4-5 Fixed Ratio**

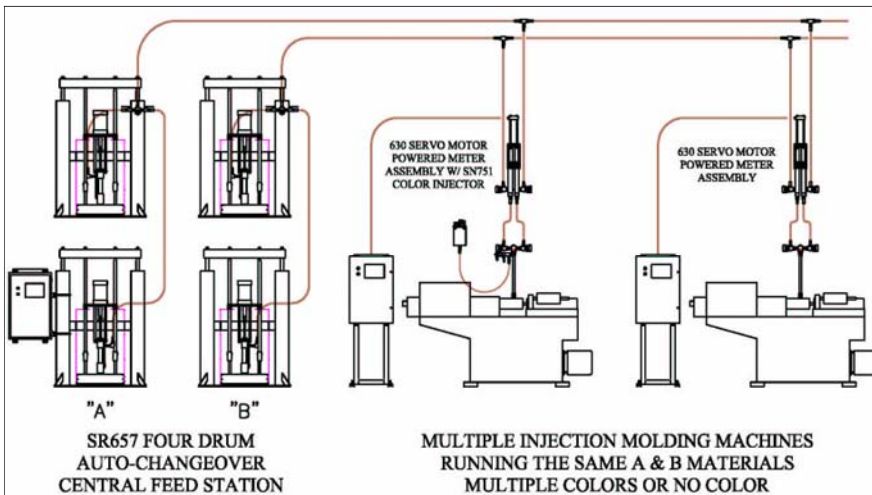


**E4-55 Variable Ratio
M4-55 Closed-Loop
Programmable Color Percentage**



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M4-5 Closed-Loop
Programmable Color Percentage**

Direct From The Drum Machines



**Model 620 Micro-Meter,
Models 630 and 631 are
Proportionally Controlled
Metering Units Featuring
Programmable Feed
Throat Pressure Control
and Programmable Color
Percentage Control.**

Transfer and Meter Systems



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Meter-Mix Components For Liquid Silicone Rubber

Manifold & Static Mixer Assemblies



- Common Ported & Individually Ported Manifold Blocks.
- Single, Double and Triple Pass Static Mixers.
- Inlet Check Valves
- Color Inlet Components
- Special Machine Manufacturer Configurations
- Water Cooled Components



LSR Shutoff Nozzle Assemblies



Fluid Automation offers a complete line of water cooled, double-acting shutoff nozzles for LSR processing. The sleek design eliminates the lever-actuated shutoff pin assembly to prevent clearance issues experienced with that design type. With over 40 different barrel adapter designs, we can adapt to most injection molding machine manufacturers or have a custom adapter designed to fit your exact needs. The three different models offer sizes used on 5 to 240 ton machines. With nine different tip styles, we can match to most sprue bushing designs and sizes. The water cooled design provides exceptional cooling while in contact with the heated mold.

Color Injector Assemblies



In 1994, with the need for quicker color changes, Fluid Automation designed the SN750 Series Color Injector. This unit pulses a small amount of color into the static mixer assembly providing a consistent mixture ratio from .2% to 6%. With this unit, color changes require less time increasing production time. PLC programming on the "E" & "M" series unit allows programmable color percentage changes with the touch of a button.

Material Pressure Regulator & Isolated Pressure Gauge



The SA921-G Material Pressure Regulator is designed to stabilize the material inlet pressure to the injection molding machine. Silicone has a compressibility factor of approximately 6% which can cause shot size stability problems. Varying inlet pressures change the amount of material being delivered to the injection molding machine. Cold runner tool designs require that the amount of material for each shot be consistent to produce acceptable parts. This device provides a stable pressure in a 1-500 PSI range. Reduced inlet pressures will also reduce screw seal failure and screw wear.

Material Filter Pack



This unit is designed to remove small particulates from the material stream before it enters the barrel inlet. Over time, cured silicone particles may develop inside components in the mixed material stream. These particles can block cold deck nozzles, vents or gates causing problems in the molding process. The design features a quick disassembly design for screen replacement. Unit has a 1/4" NPT port used for a pressure gauge or pressure transducer.

See www.fluidautomation.com For Complete Machine Details