MAX METERS PROVIDE HIGH RESOLUTION AND ACCURACY FOR PRECISE URETHANE RATIO CONTROL

Max meters were originally developed for use on the Max Machinery line of urethane dispensing machines. Positive displacement meters were chosen because of their consistent output regardless of changes in material density, viscosity or flow profile. For 35 years, the wide rangeability and repeatability featured in all MAX-Meters have made them the leading choice for measuring on-line, polyol and isocyanate blending applications.

The common theme of all of MAX's urethane applications is that high resolution and repeatability allow the customer to achieve and control flow set points within a tiny fraction of the optimal amount. Real time control is attainable as even the smallest deviation is reported for immediate pump speed adjustment. When you are creating your final product "on-the-fly" you cannot afford signal lag or be held hostage by low resolution information. Urethane blending depends on ratio control to achieve the final density, cure time and hardness. The cost of off ratio material is usually measured in the thousands of dollars. Accurate flow measurement gives you a powerful tool to prevent off ratio conditions from occurring or persisting in your process.

MAX Equipment Specified: The MAX Model 241, 242 and 243 flow meters, combined with either a high resolution frequency transmitter or a linearized, stable analog transmitter. Both combinations give the operator the ability to precisely set the flow rates and alarm limits of the base materials to perfect closed-loop flow control. By using a Max meter you can enjoy enhanced product consistency leading to better yields, lower costs and greater end user satisfaction.

Model 243 with Model 294 transmitter attached.

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