

MAX METERS PREFERRED FOR PRECISE ADDITIVE APPLICATIONS

The wide rangeability and low flow accuracy features of *MAX-Meters* make them the leading choice for measuring on-line, liquid additive applications. The application profile is wide and varied, involving industries as diverse as facial tissue, cosmetics, petrochemical and aluminum.

The common theme of all of the *MAX* additive applications is that a relatively small amount of fluid material is added or blended into the main product stream. Since the additive component changes or adds certain desirable characteristics to the final product, the formulation must be precise. Further, since this formulation is done "on-the-fly" and not through batch processing; final product quality is dependent on high resolution, repeatability and accurate metering over the entire operating range.

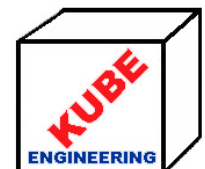
MAX Equipment Specified: The *MAX-213* and *MAX-214* flow meters have small displacements which greatly boost the number of pulses per dose or milliliter. This degree of resolution gives the operator the ability to precisely dose the liquid into the process or fine tune flow rates and alarm limits to perfect the closed-loop flow control.

APPLICATION PROFILE:

- Water Treatment - A polymer additive prevents salt formation/membrane filter damage (City of Cape Coral).
- Petrochemical - Feedstocks (Shell), Friction Reducer (Conoco), Lube Oil Blends (Mobil, Chevron), Gasoline Additives (Mobil, Chevron, Texaco), Corrosion Inhibitors (ANR Pipeline).
- Cosmetics - Perfumed Products (Proctor & Gamble, Johnson & Johnson).
- Aluminum Can Manufacturing - A mold release agent (light oil) is applied to prevent damage to cans during the shaping process (Alcoa, Miller Brewing).
- Wood Products - Glue in particle board (Dow Chemical).
- Adhesives - Pigments & Coatings (H.B. Fuller).
- Plastics Processing - Flame Retardants, Blowing Agents (Foamex).
- General Chemical - Catalysts (DuPont, Hercules).

NOTE: Some of the above examples (which are somewhat representative) may not be obvious *MAX* applications. Thus, Potential applications can be overlooked because a *MAX-Meter* may not be compatible with the main stream component; the main "stream" may not even be a fluid (e.g., tobacco, wood chips, aluminum cans, plastic pellets being fed into an extruder).

The fact is *MAX-213* and *MAX-214* meters are uniquely suited to monitor and control additive flow rates. In this age of specialty chemicals, this presents an ever-widening marketplace for *MAX Meters*.



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