max

Innovative flow measurement solutions

MAX METERS OFFER IDLE TO FULL THROTTLE ACCURACY

For over 30 years, Max Machinery's positive displacement flow meters have been the standard for automotive fuel measurement. With their high resolution, +/-0.2% linearization and low flow rate accuracy *MAX-Meters* are the leading choice for both dynamometer and over-the-road testing. The Max Model 213 meter offers 1000+ pulses per ml and as a positive displacement device, all of the flow is detected and reported, regardless of how low a flow rate you need to measure.

MAX Equipment Specified: The *MAX-213* Piston type meter offers a 1000 pulse/ml resolution which exceeds the resolution available from any other meter. With such a high pulse count per milliliter, the Model 213 can accurately measure the idle speed fuel consumption of a single cylinder engine like those used on leaf blowers, chain saws or outboard motors. Auxiliary equipment also available from Max includes; vapor eliminators to ensure a bubble free fuel supply and recirculation tanks for the highest possible accuracy in a recirculating fuel system.

APPLICATION PROFILE:

Fuel consumption continues to be a primary measure of success in automotive improvements. Better tire designs, ignition control, transmission shift points or a hundred other CAFE improvements must be proven through the accurate measurement of a small amount of liquid flow. To verify product performance and evaluate engineering improvements requires a flow meter which can resolve the total flow to better than 1/100th of a milliliter.

Positive Displacement meters are not sensitive to changes in flow profile, fluid density or viscosity. So the same meter is appropriate for gasoline, diesel fuel or any alcohol blend. The Model 213's rugged, compact design makes it possible to collect both over-the-road data and your test stand measurements with the same sensor. Theoretical results and correlations are not required when you use the same flow meter in both environments.

The *MAX-213* flow meters are uniquely suited to the wide range of fuel measurement flow rates. To refine the components and systems used in the next generation of automobiles and trucks, industry leaders are turning to Max flow meters for flow accuracy that will give them the edge.

Max Machinery, Inc.
www.maxmachinery.com

33A Healdsburg Ave.
Healdsburg, CA 95448

T +1 707.433.2662
F +1 707.433.1818