MAX METERS OFFER PRECISION IN BRAKE TEST APPLICATIONS

With their high resolution, signal linearization and low flow rate accuracy *MAX-Meters* are the leading choice for measuring brake fluid flow in-line. Several of the Max meters offer 500+ 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 detect leaks in a closed system or quickly register the application of the brake pedal. If the test requires verification of the forward and reverse flow from the master cylinder, a quadrature output is available to report flow reversal with the same precision in both directions. The *MAX-G004* also offers a small displacement for fine resolution, but adds a 6000 psi pressure rating and a robust gear design for abrupt flows or reversal of flow direction.

APPLICATION PROFILE:

Brake system performance is based on the repeatable application 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 ml.
Positive Displacement meters are not sensitive to changes in flow profile, fluid density or viscosity. Abrupt start/stop flow and reverse flows are all accurately counted. Theoretical results can be replaced with actual measured data, when you have the proper flow meter.

The *MAX-213* and *MAX-G004* meters are uniquely suited to monitor brake fluid 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.

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