

FloMetrix produces flow meters which are designed for dry flowable materials like seed, grain, and minerals. Our meters actually weigh materials in real time without interrupting the flow.

They are accurate, self-cleaning, compact and can be easily retro-fitted vertically into existing pipes, and it does not utilize strike-plates which can damage material.



Flow Meter Model #	Operating Range lbs. / hr. ⁽¹⁾	Adaptable to Pipe Size Diameter ⁽²⁾	Flow Meter Dimensions (W x H) (includes transitions, excludes flange clamps)	Flow Meter Weight (lbs.)
FM100	4,500 — 7,200	4"	10.5" x 18"	29.2
FM600	19,800 — 39,600	4" & 6"	10.5" x 18"	29.2
FM1000	33,000 — 66,000	6"	15" x 22"	64.2
FM2000	60,000 — 126,000	6"	15" x 22"	64.2
FM4000	120,000 — 252,000	8" & 10"	17" x 23"	78.8

(1) Operating range can measure lower flow rates, but the resulting accuracy level may decrease

(2) Transitions can be provided to accommodate different inlet pipe sizes

The flow meter PLC controller:

The light, compact design of FloMetrix flow meter touch screen PLC controller allows flexible placement to capture data not previously available to the plant operators. The real-time data output allows for quick response and more precise control, which takes much of the guesswork out of the conditioning or general handling processes.

Flow Meter PLC Model #	Flow Meter Input Capability	Ethernet Output Signal (Modbus)	Output Option Available	Displays Real-time and Cumulative Weights	PLC Box Dimensions (H x W x D)	Power Supply Requirements
PLC	1 to 3	Yes	0-5 Vdc	Yes	15.5" x 13.5" x 6.25"	110AC

Note: flow meter and PLC specifications may change as enhancements to capacity or operational characteristic are incorporated into new systems.