

FLOW METERS

**McCrometer Saddle Flow Meters**

**Applications**

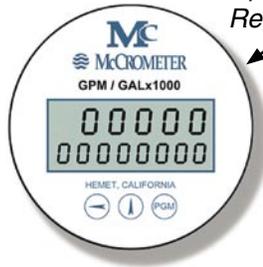
- Center pivot systems.
- Sprinkler irrigations systems.
- Drip irrigations systems.
- Golf course and park water management.
- Gravity turnouts from underground pipe-lines.
- Commercial nurseries.
- Water and wastewater management.

**Features and Benefits**

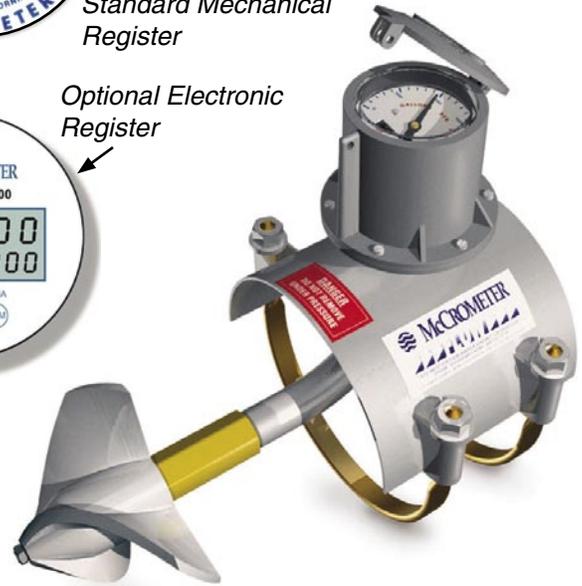
- Fabricated stainless steel saddle.
- Impellers manufactured of high-impact plastic.
  - Capable of retaining their shape and accuracy over the life of the meter.
- Reliable impeller shaft.
  - Supported by factory lubricated, stainless steel bearings.
  - Shielded bearing design limits the entry of materials and fluids into the bearing chamber providing maximum bearing protection.
- Instantaneous flowrate indicator and six-digit straight-reading totalizer are standard.
  - Available in gallons per minute, cubic feet per second, liters per second, and other units.
  - Housing includes a domed acrylic lens and hinged lens cover with locking hasp.



Standard Mechanical Register



Optional Electronic Register



**Saddle Flow Meters**

NI Part #	Description
78052	Flow Meter w/ 4" Saddle
78053	Flow Meter w/ 5" Saddle
78040	Flow Meter w/ 6" Saddle
78038	Flow Meter w/ 8" Saddle
78047	Flow Meter w/ 10" Saddle
78051	Flow Meter w/ 12" Saddle
170137	Over-Run Bearing Option (for higher than normal flowrates)

**Note:** Please specify pipe I.D. and O.D. when ordering to ensure correct calibration.

**The over-run bearing assembly option** increases the high flowrate range of the meter by 50%.

Stainless steel repair clamps are ideal when you want to move a saddle meter from one location to another. See page 145 for the listings of pipe repair clamps.

Specification	4"	6"	8"	10"	12"	14"	16"
Meter and Nominal Pipe Size	4"	6"	8"	10"	12"	14"	16"
Maximum Flow (U.S. gpm)	600	1,200	1,500	1,800	2,500	3,000	4,000
Minimum Flow (U.S. gpm)	50	90	100	125	150	250	275
Approx. Head Loss in Inches at Max. Flow	23.00	17.00	6.75	3.75	2.75	2.00	1.75
Approx. Shipping Weight (lbs.)	18	22	26	30	34	38	44
Over-Run Maximum Flow (U.S. gpm)	900	1,800	2,250	2,700	3,750	4,500	6,000

**Other sizes and styles of flow meters are available. Contact us for details.**