

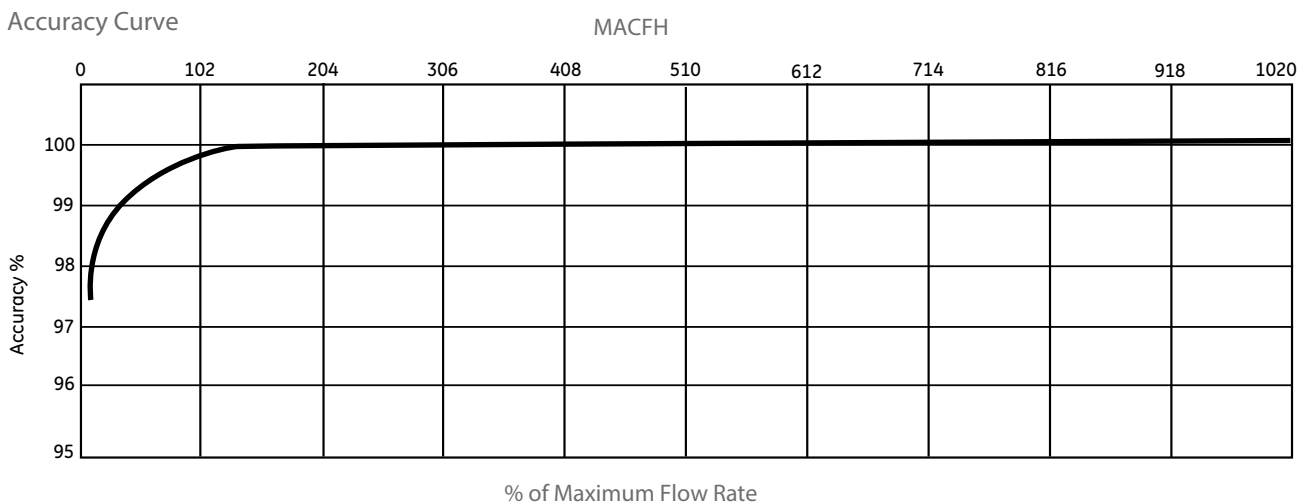


Dresser 102M125 Meter

Dresser Natural Gas Solutions (NGS) has been producing the Dresser 102M125 meter in one form or another for approximately 40 years. With design enhancements and continual improvements we are proud to offer one of the largest meter of its kind available today. There is no comparison, because there is nothing like it to compare against. The 102M125 meter can be used in a wide array of applications such as the measurement of high volume industrial gas loads up to city gate installations with capacities as high as 965.3 MSCFH at 125 PSIG (27,334 Nm³/h at 8,6 Bar). It's available in Counter (CTR) and Counter with Instrument Drive (CD).

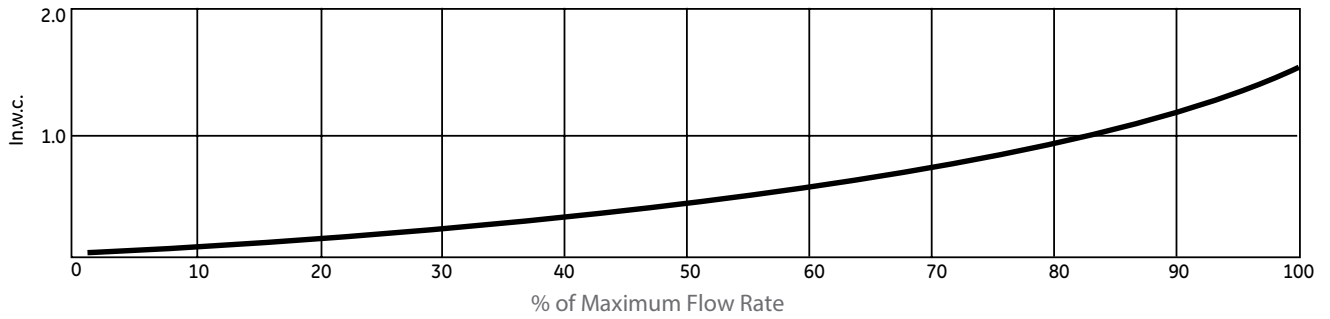
Features

- Cast iron timing gears
- (2) 1/4" pressure differential taps
- Instrument adapter plate included on ID meters
- (2) 1" temperature taps
- Paint ASA #49 gray
- Two-point accuracy test on bell or piston prover
- Two-point differential test
- ANSI 125 lb. flanged connections
- Leak tested at 125% MAOP,
Static pressure tested at 200% MAOP,
Max. differential @ 100% flow is 2.25 in. w.c.



Differential Curve

MACFH



| Specifications | |
|--------------------------|-------------------|
| Maximum Working Pressure | 125 psig |
| Temperature Range | -40° F to +140° F |
| Differential @100% Flow | 2.25 in. w.c. |
| Start Rate | 120 CFH |
| Stop Rate | 100 CFH |
| Rangeability 1% | 38:1 |
| Rangeability 2% | 83:1 |
| Minimum CTR Increment | 2 cu. ft. |
| Gear Ratio | 47.70:1 |
| Displaced/Rev | 2,096 cu. |
| ID Output | 100 cu. ft./rev. |

| Specifications | |
|-------------------|--|
| Flange to Flange | 28 in. |
| Nominal Pipe Size | 10 in. |
| Oil Capacity | Quantity - 6 qts, 6 oz. |
| Length | 49-1/16 in |
| Width | 28 Inches |
| Height | 29-11/16 in |
| Weight | CTR - 2390 lbs ID - 2410 lbs. |
| Construction | Cast Iron - Cylinder, Impellers, Head-plates |
| Counter | 6 Digit with Reading x 100 = ACF 7 Digit with Reading x 10 = m ³ |

| Capacities | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Pressure (psig) | 0.25 | 5 | 10 | 20 | 30 | 40 | 50 | 75 | 100 | 125 |
| Capacity (MSCFH) | 102.0 | 134.3 | 168.9 | 238.2 | 307.4 | 376.7 | 445.9 | 619.0 | 729.1 | 965.3 |

Request detailed dimensional drawing number: 048878-000 - CTR, 050585-000 - CEX, 048879-000 - CD

Dresser Meters & Instruments

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Dresser 102M125 Meter Fact Sheet NGS.MI.0022