

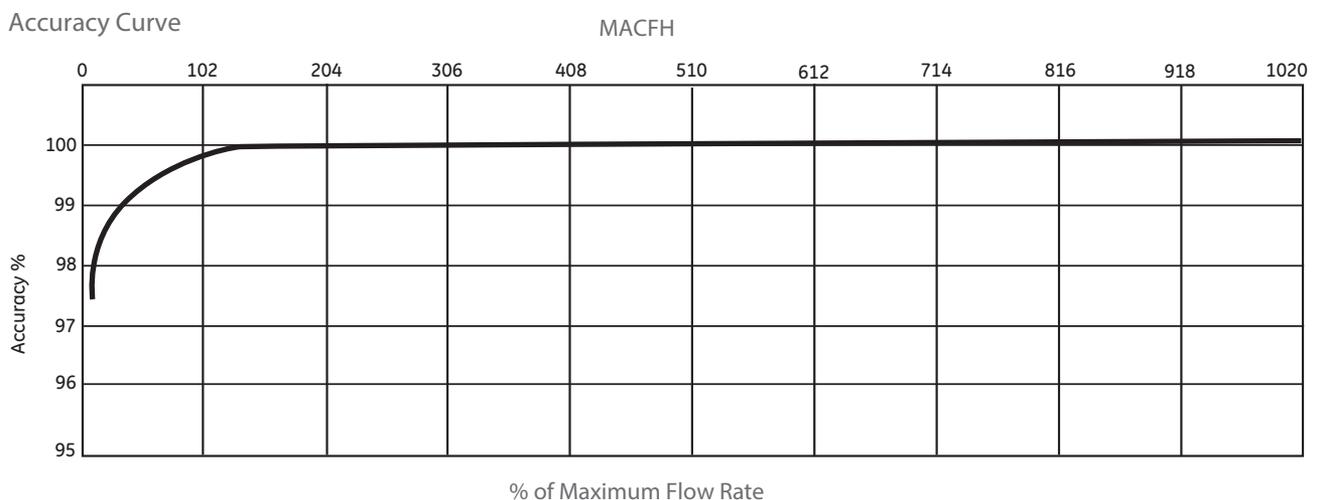


Dresser 102M125 Meter

Dresser Utility Solutions 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).

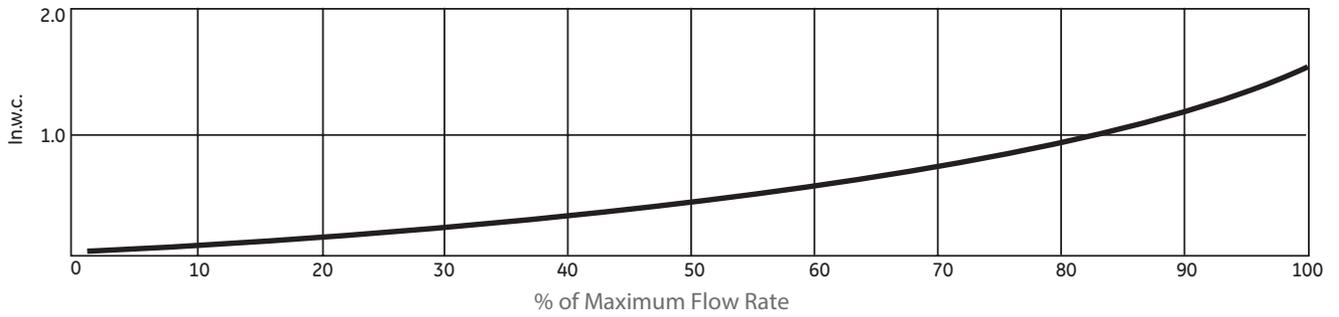
Features

- 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

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