# flow~mon

...simple flow solutions in a complicated world

# **Double Window Indicator Range** Flap & Spout Visual Sight Indicator

This new double window Flow Indicator range from Flow-Mon is most useful where visual inspection of the pipeline content is needed as a plant safety or product quality measure. The sizeable windows allow an excellent view of the conditions in the line.

The plain Spout design affords visual inspection only while the hinged internal Flap with its graduated scale allows a check on flow rate changes and for instance, affords repeatability of valve positioning. The Flap or Spout can be used in transparent or slightly opaque solutions and gas services. Both units will operate in horizontal or vertical orientation (up only for Flap style).

### Materials of Construction;

Body & Covers	- Stainless Steel 316: ASTM-A-351-2000 GR CF8M - Carbon Steel: ASTM-A-216-2000-GR-WCB - Bronze BS EN1982 CuSn5Zn5PB5-C-GS (formerly LG2)
Glass	- Toughened Borosilicate (DIN 7080) (16 bar) or Toughened Soda lime (BIS 3463) (40 ba
Gaskets	- PTFE
Flap	- Stainless Steel 316
Scale	- Polycarbonate
Fasteners	- Stainless A2
(Every effort will be <b>Temperature</b>	made to meet any special connection and material requirements) - up to 250°C

Pressure Rating 40Bar; (subject to Glass & Flange specification)

### Sizes BSP, NPT and Flanged connection: PN16, 40, Ansi150, 300 (other configurations also available) Small 1/4"(8) 3/8"(10) 1/2"(15) 3/4"(20) 1"(25)

Small
74 (8)
78 (10)
72 (15)
74 (20)
I (25)

Medium
 $1^1/4"(32)$   $1^1/2"(40)$  2"(50)

All units are tested to 1.5 times the standard pressure limit applicable to the unit specification. Test and 3.1b material certification are available if applied for at order placement.







# small

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## **Technical Information**

Pressure Rating 40Bar; (subject to Glass & Flange specification)



		ing .	+000		ensions (	-	Scale (Ipm)						
Size	Wei (k T	g)	Ler T	ngth F	Width	Heigh	t 2	4	6	8	Тор	Max Flow	
8	1.9	3.7	95	140	89	66 2.5		3.5	4.5	7	22	100	
10	1.9	3.8	95	140	89	66	2.5	4	4.5	7	24	150	
15	1.85	3.9	95	140	89	66	3	4.5	6	8.5	20	250	
20	1.85	3.9	95	140	89	66	3	5	6	9	20	250	
25	1.8	3.9	95	140	89	66	3.5	6	8	10	25	250	
	T= Th MF	readed	l F= Fl	anged	<u> </u>			D		45		F150	
F					SS			B		15		F150	
Style FMF = Flap FMP = Spout SS = Stainless Steel CS = Carbon Steel					Glass B = Borosilicate S = Sodalime Specials please contact flow-mon			Size 8 = 1/4" 10 = 3/8" 15 = 1/2" 20 = 3/4" 25 = 1" Std thread BSF For NPT add N For socket well add SW.	For A Fla or fc P.	Flange For Ansi or Din Flanges add one of the following F16 F40 F150 F300			
	Co	<b>)</b> 。									flow-m	non	

# medium

#### Materials of Construction;

Body & Covers	- Stainless Steel 316: ASTM-A-351-2000 GR CF8M						
	- Carbon Steel: ASTM-A-216-2000-GR-WCB						
	- Bronze BS EN1982 CuSn5Zn5PB5-C-GS (formerly LG2)						
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	(BIS 3463) (40 bar)						
Gaskets	- PTFE						
Flap	- Stainless Steel 316						
Scale	- Polycarbonate						
Fasteners	- Stainless A2						
(Every effort will be made to meet any special connection and material requirements)							

# **Technical Information**

Pressure Rating 40Bar; (subject to Glass & Flange specification)

#### Dimensions (mm)



Dimensions (mm)								Scale (Ipm)							_
Size	(kg)			ngth F	Width Height		2	4		6 8		ſ	Гор	Max Flow	
32	4	7.1	120 180		120	89	7	11	1 14		14 24		40	550	
40	3.9	7	120 180		120	89	8	12		15	25		50	600	
50	50 9 4.5 150 220		220	170	110	9	15	28 50		50	75		1000		
	T= Tł	nreade	d F= Fl	anged			-								
F	MF				SS			B 32							
	¥				•										
FMF	Style FMF = Flap FMP = Spout			В S = S	Material = Bronz Stainless Carbon S	Steel	G B = Bo S = So Specia contact	Size $32 = 1^{1}/4^{"}$ $40 = 1^{1}/2^{"}$ $50 = 2^{"}$ Std thread BSP.			Flange For Ansi or Di Flanges add one of the following				
					ľ				F	For NPT add N. or socket Id add SW	<u>'</u> .		F16 F40 F150 F300		

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CE PED, ATEX & LVD Approved N Q A

ISO 9001

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