

# SHM SANITARY EMF METERS

Digital Sanitary Electromagnetic -25 - 140°C Liquid Meter Size DN 3 - DN 3000 (1½" - 80")

## DESCRIPTION

SHM Sanitary Electromagnetic Flow Meters : Digital Flow Meter for Liquid are made from stainless steel 316L. Lining material from PTFE capable for strong corrosive medium such as strong acids and alkali. High performance, high reliability. Used for measuring the volume flow of conducting liquid and slurry in closed conducts.

## APPLICATION

SHM Sanitary Electromagnetic Flow Meters widely used in steel, electricity, petroleum, chemical, coal, metallurgy, paper making, water supply and drainage, food, medicine industry, etc. General process test of liquid : Cement Water, Paper Pulp, Pastry Liquid, Mud, Fruit Slurry, and any other serous fluids.

## FEATURES

- Main Power : AC220V 50Hz / DC24V.
- Power Consumption <15w
- Big backlighting LCD Screen display instantaneous flow, total flow, and percentage of flow as well as alarm display, four thin-film touch nubs for data set.
- Forward and Reverse total quantity.
- Accuracy +/- 0.5%. IP 65.
- Anti failure clock can save records for 16 times.
- Signal Output : Analog 4 - 20mA, 0 Hz - 50 Khz, two alarm outputs : high and low limit alarm communication : RS 485, RS 232, MODBUS, HART, PROFIBUS-DP.



## TECHNICAL SPECIFICATIONS

SIZE	PRESET PRESSURE	FLOW RATE	L	W	H	D1	DN	PRESET PRESSURE	FLOW RATE	L	W	H	D1
		15 M/S (MAX)							15 M/S (MAX)				
		FLOW	(MM)						FLOW	(MM)			
		(M3/H)							(M3/H)				
DN 3	4.0		192	90	140	60	DN 200	1.6	1696	350	335	385	295
DN 6	4.0		192	95	145	65	DN 250	1.6	2650	450	405	455	355
DN 10	4.0	4.24	192	90	140	60	DN 300	1.6	3817	500	460	510	410
DN 15	4.0	9.54	192	95	145	65	DN 350	1.0	5195	500	500	550	460
DN 20	4.0	16.96	192	105	155	75	DN 400	1.0	6785	500	565	615	515
DN 25	4.0	26.50	192	115	165	85	DN 450	1.0	8588	550	615	665	565
DN 32	4.0	43.42	192	135	180	100	DN 500	1.0	10602	550	670	720	620
DN 40	4.0	67.85	192	145	195	110	DN 600	1.0	15268	600	780	830	725
DN 50	4.0	106.02	192	160	210	125	DN 700	0.6	20781	700	860	910	810
DN 65	1.6	179.18	250	180	230	145	DN 800	0.6	27143	800	975	1025	920
DN 80	1.6	271.43	250	195	245	160	DN 900	0.6	34353	900	1075	1125	1020
DN 100	1.6	424.11	250	215	265	180	DN 1000	0.6	42411	1000	1175	1225	1120
DN 125	1.6	662.67	250	245	295	210	DN 1200	0.6	61072	1200	1400	1450	1340
DN 150	1.6	954.28	300	280	330	240	DN 1400	0.6	83126	1400	1620	1670	1560