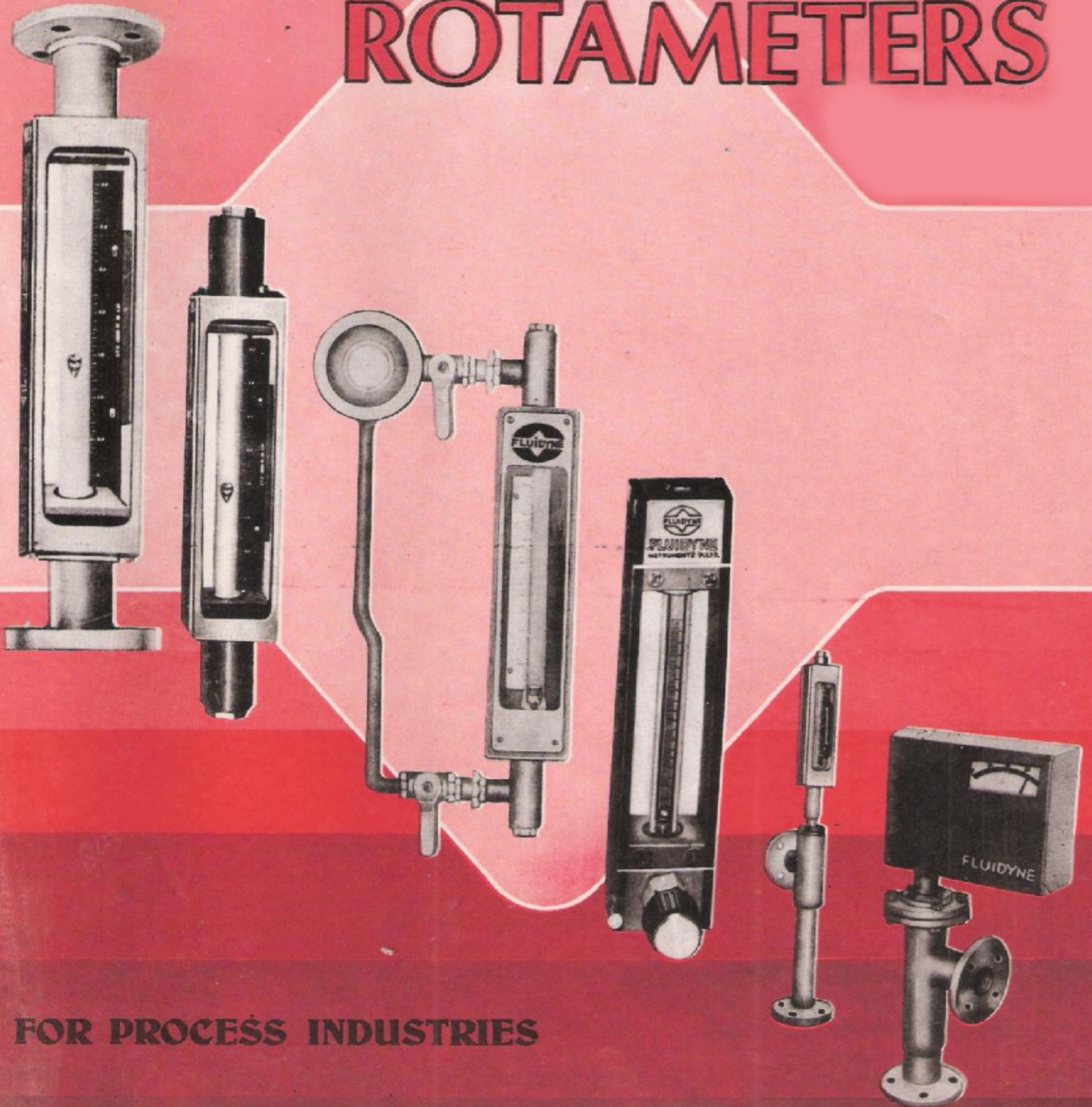


TELEFLO

ROTAMETERS

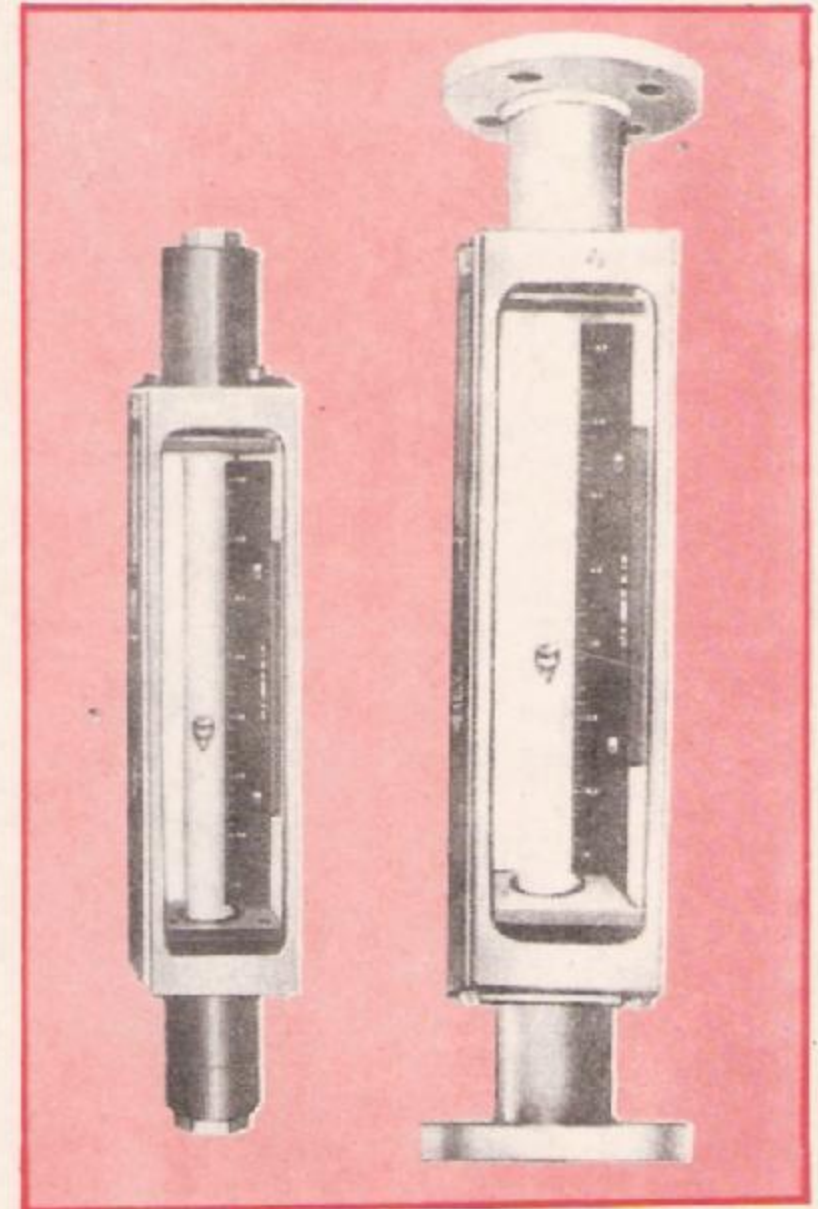
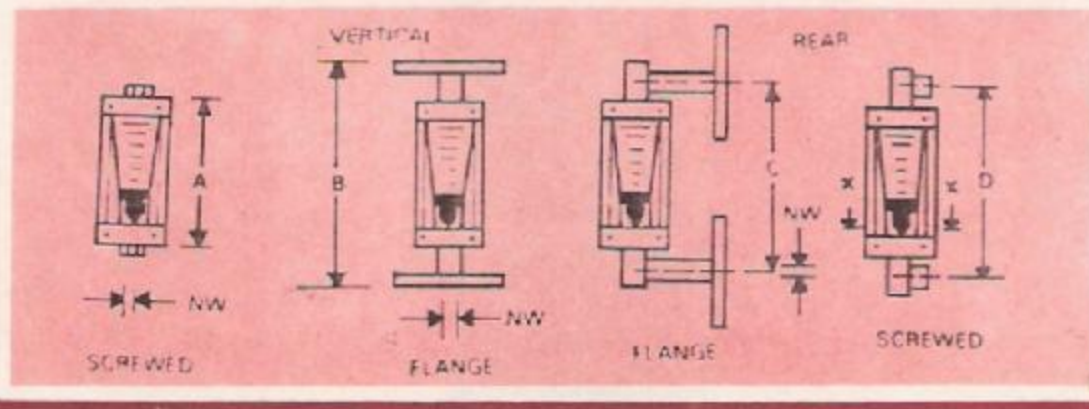


FOR PROCESS INDUSTRIES

FULL - VIEW ROTAMETERS (GLASS TUBE TYPE FOR GENERAL INDUSTRIAL SERVICE)

MATERIALS OF CONSTRUCTIONS

- ☆ METERING TUBES : BOROSILICATE GLASS.
- ☆ FLOATS : SS 316, PTFE, PVC, EBONITE, PYREX.
- ☆ M. O. C. (Wetted parts) : SS 316/304, TEFLON, PVC/PP, CS, AL.
- ☆ PACKING : TEFLON, VITON, RUBBER, PTFE-ASBESTOS.
- ☆ FRAME, SIDE PLATES : STEEL, CAST ALUMINIUM.



MODEL NO.	FLOAT MAT.	NW METER SIZE MM.	MAXIMUM FLOW RATE		PR. LOSS WATER KG/CM ²	PR. LOSS AIR KG/CM ²	MAX. TUBE RATING KG/CM ²	FF-DIST. SCREWED 'A' -MM.	FF-DIST. FLANGED 'B' - MM.	CC-DIST. BACK-CON 'C' - MM.							
			WATER LPH.	AIR Nm ³ /hr.													
RMA-100	PTFE	15	5	0.17	0.10	0.05	15	200	300	250							
RMA-101	PTFE		10	0.34													
RMA-102	PTFE		25	0.85													
RMA-103	PTFE SS		50 100	1.70 3.00													
RMA-104	PTFE SS	15	100 200	3.40 6.00	0.15	0.07	12	250	350	300							
RMA-105	PTFE SS		150 300	5.10 9.00													
RMA-200	PTFE SS	20	200 400	7.00 12.00	0.20	0.10	10	360	480	425							
RMA-201	PTFE SS		250 500	8.50 15.00													
RMA-250	PTFE SS	25	300 600	10.00 18.00	0.25	0.15	8	380	500	480							
RMA-251	PTFE SS		400 800	14.00 24.00													
RMA-252	PTFE SS		500 1000	17.00 30.00													
RMA-320 RMA-321	SS		32	1500 2000							45.00 60.00	0.30	0.15	6	400	560	500
RMA-400 RMA-401 RMA-402 RMA-403	SS	40		2500 3000 4000 5000	75.00 90.00 120.00 150.00	0.50	0.25	5	480	640	600						
RMA-500 RMA-501 RMA-502 RMA-503	SS		50	6000 8000 10000 16000	180.00 240.00 300.00 450.00							0.60 0.75	0.30 0.40	4 3	540	660	620

NOTE : CALIBRATION DONE FOR ANY DESIRED FLOW RANGE FOR ANY GAS/LIQUID.

INTRODUCTION

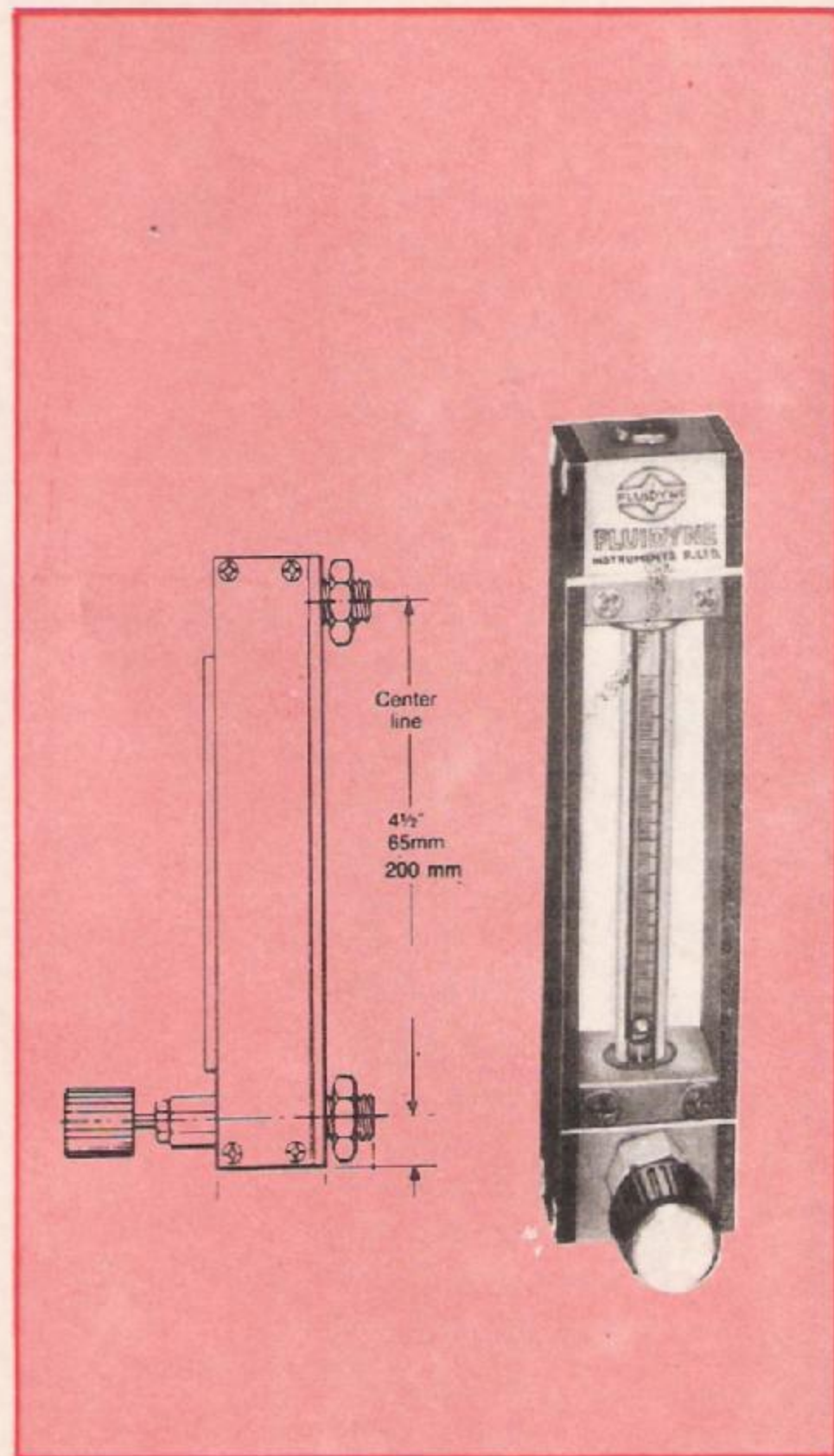
We have pleasure in introducing our superior variable area flow meters and rotameters with special types offered for general industrial service and instrumentation requirements. Glass tube rotameters are offered where general flow measurements are within the limitations imposed by pressure rating of the glass metering tubes. For higher pressure ratings we offer metal metering tubes. Rotameters manufactured are of panel mounted types as well as pipe line mounted types. The pipeline mounted instruments are constructed to withstand pipeline installation stress, strain and vibrations. The unique gland arrangement ensures zero leakage and long life to the metering tube.

PURGE METER (LOW-FLOW ROTAMETERS)

Measure low flows of gas, air, water with accuracy using this type of flowtube. This is ideal for laboratory or instrumentation applications. Mounting can be panel or by optional tripod base. Available in complete acrylic body or stainless steel body with glass metering tube. Dependable flow control is provided by needle valve located at inlet front of frame. Centre line dimensions standard for back panel mounting are 65mm, 150mm and 200mm.

MODEL NO.	FLOAT MAT.	METER SIZE	MAXIMUM FLOW RATE			PR. LOSS WATER KG/CM ²	PR. LOSS AIR KG/CM ²	MAX. TUBE RATING KG/CM ²
			WATER LPH	AIR LPH	AIR Nm ³ /hr.			
RM-0-A	PTFE	6	5	160	0.16	0.10	0.05	15
	SS		10	300	0.30			
RM-0-B	PTFE	6	10	320	0.32	0.10	0.05	15
	SS		20	600	0.60			
RM-0-C	PTFE	6	20	640	0.64	0.10	0.05	15
	SS		40	1200	1.20			
RM-0-D	PTFE	6	40	1280	1.28	0.10	0.05	15
	SS		80	2400	2.40			
RM-0-E	PTFE	15	80	2560	2.56	0.15	0.07	12
	SS		160	4800	4.80			
RM-0-F	PTFE	15	100	3200	3.20	0.15	0.07	12
	SS		200	6000	6.00			

NOTE : CALIBRATION DONE FOR ANY DESIRED FLOW RANGE FOR ANY GAS/LIQUID.



FULL - VIEW ROTAMETERS (GLASS TUBE TYPE FOR GENERAL INDUSTRIAL SERVICE)

These glass tube variable area rotameters are designed to provide visual indication of flow of wide range of transparent to semi-transparent liquids and gases. They are of robust construction with dowelled side plates, interchangeable glass metering tubes and floats and wide-view windows at front and rear. Flow range can be readily changed by detachable scales.

BY-PASS ROTAMETERS

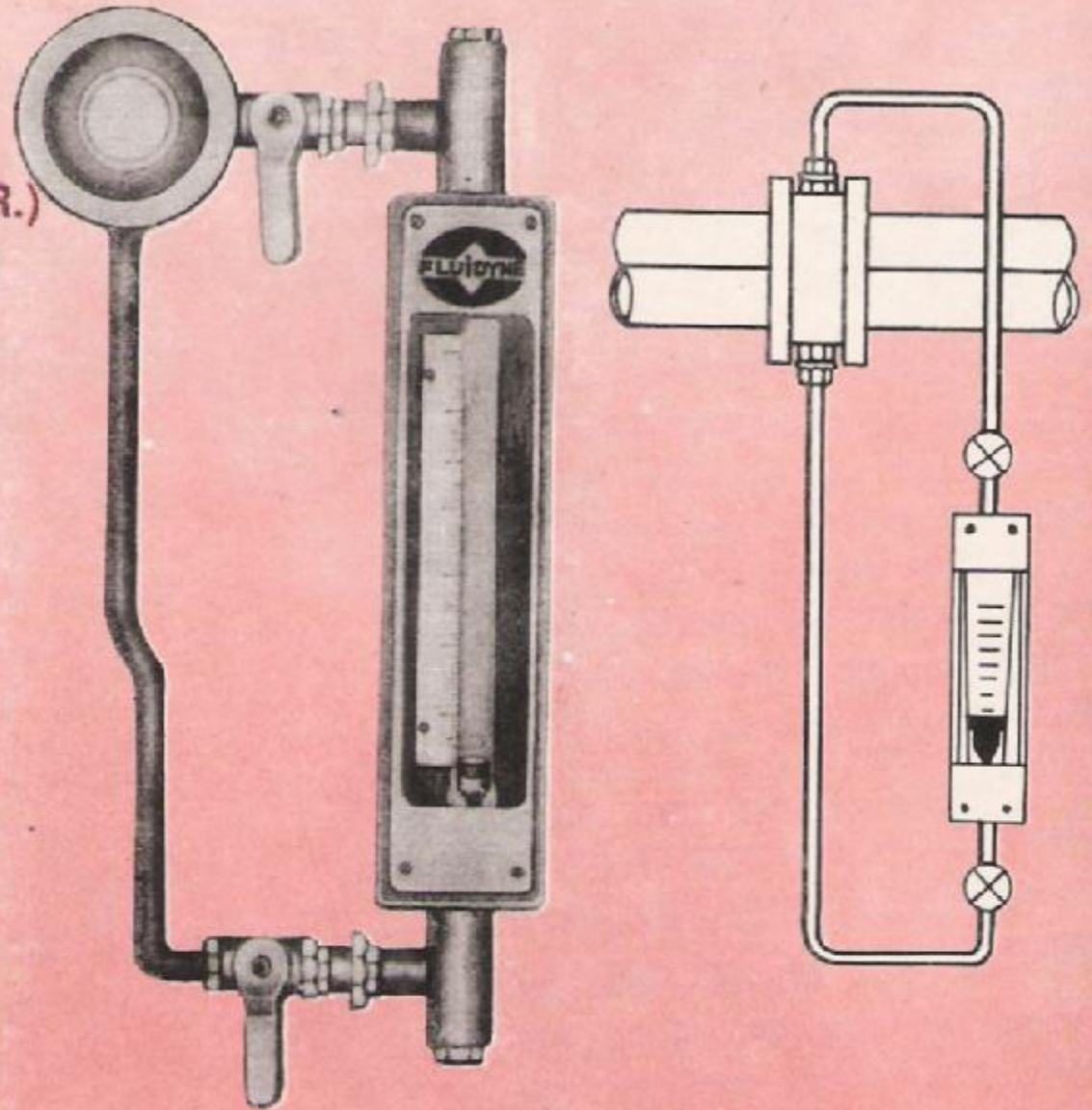
(ORIFICE PLATE WITH CARRIER RING AND BY-PASS ROTAMETER)

By-pass rotameters are suitable for economical measurement of flow in larger pipelines generally 2" NB to 14" NB. The construction is simple and reliable consisting of orifice plate with carrier ring and a shunt rotameter. The flow rate through the rotameter is proportional to the pressure drop across the orifice plate created by the main flow and is calibrated accordingly. During installation care should be taken to ensure laminar flow in the pipe section. Orifice plate dimensions are based on ISA/ISO/BS standards.

BY-PASS ROTAMETERS

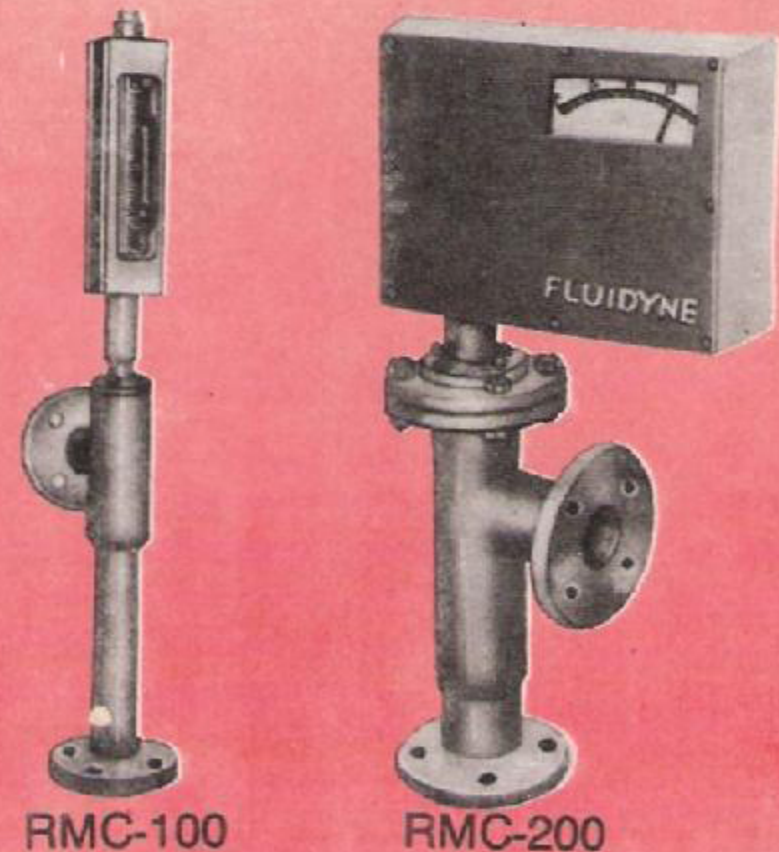
(ORIFICE PLATE WITH BYPASS ROTAMETER.)

MODEL NO.	SIZE NB.	MAXIMUM FLOW RANGE		CARRIER RING		DIMNS.
		WATER m ³ /hr.	AIR Nm ³ /hr.	O. D. MM..	THICKNESS MM..	
RMB-40	40	16	480	85	32	
RMB-50	50	25	750	104	-	
RMB-65	65	35	1000	122	-	
RMB-80	80	40	1200	136	-	
RMB-100	100	90	2700	174	38	
RMB-125	125	130	4000	196	-	
RMB-150	150	150	4500	222	-	
RMB-200	200	325	10000	278	-	
RMB-250	250	560	17000	338	40	
RMB-300	300	840	25000	408	-	
RMB-350	350	1150	35000	450	-	



METAL TUBE ROTAMETERS

Armoured metal tube rotameters are recommended for liquids or gases where process or operating conditions make all-metal construction desirable. This type of rotameter is also useful for metering opaque fluids. The meter is manufactured in various materials of construction and with 150, 300 or 600 # flange connections. In our model RMC - 100 an extension with magnetic lenier indicating scale is bolted to the meter to indicate the float position. In another modification model RMC - 200 a dial type of indicator is provided.



NOTE: DIMENSIONS ABOVE ARE SUBJECT TO CHANGE DUE TO IMPROVEMENTS IN DESIGN

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