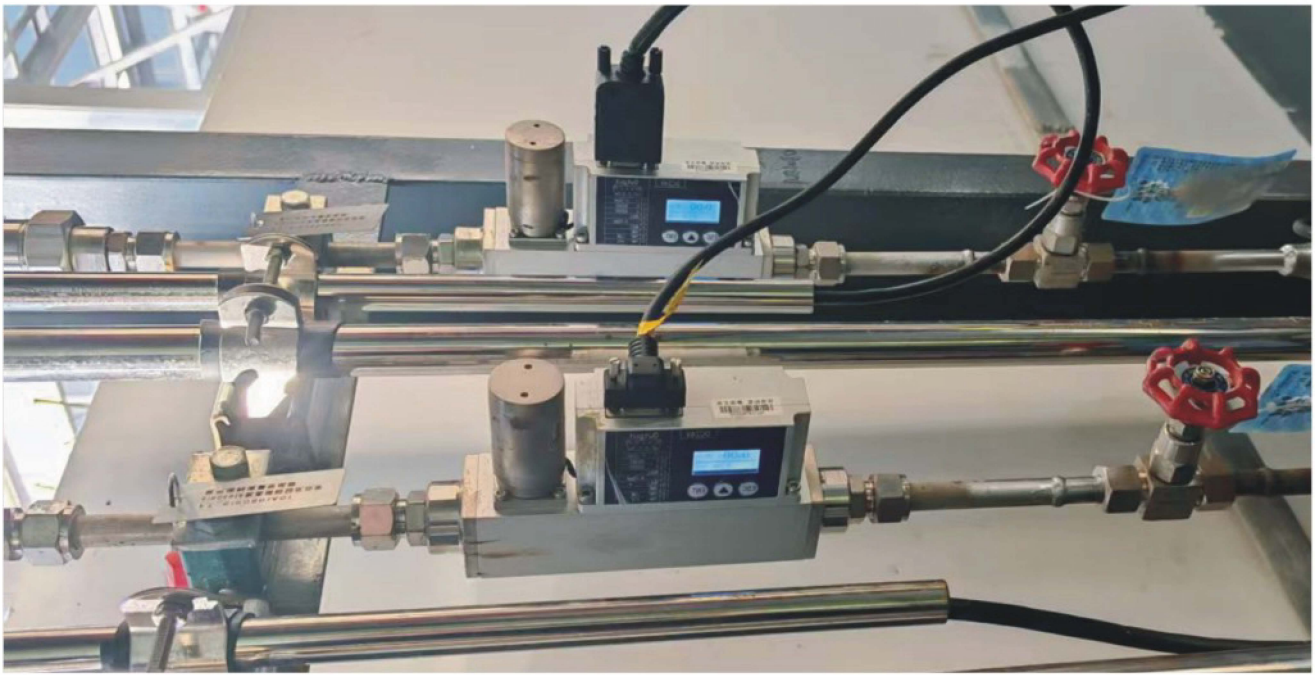
ABZAR TAMIN ARSHIA CO.

Thermal Mass Flow Meter

BTHJ Micro Thermal Mass Flow Meter



Introdcution

Micro gas mass flow controller is specially designed for the measurement and control of all kinds of small flow gas. This series of sensors are made of advanced micro-electromechanical system (MEMS) flow sensing chip, combined with digital signal processing technology and flow control algorithm, to achieve accurate control and intelligent processing of various gas flow sizes.













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Thermal Mass Flow Meter

Micro Thermal Mass Flow Meter					
Note: Suitable for measuring air, oxygen, and nitrogen; results for other gases may vary.					
Model	**Caliber**	**Flow range**	**Pressure**	**Accuracy**	**Body material**
BT-HJFS05-SL	DN10	0-200NL/min	1.5MPa	±(2.0+0.5FS)	Aluminum alloy (SS304+)
BT-HJFS05-YT	DN8	500ml-50NL/min	1.5MPa	±(1.5+0.5FS)	Aluminum alloy (SS304+)
	DN10	2~200NL/min			
	DN15	5~500NL/min			
	DN20	10~1000NL/min			
	DN25	20-2000NL/min			
BT-HJFS05-FT	DN15	0~500NL/min			
	DN20	0~1000NL/min			
BT-HJAWM-YT (small flow)	DN8	1-100NmL/min	1MPa	±(1.0+0.2FS)	Aluminum alloy (SS304+)
		50-5000NmL/min			
	DN10	1-100NL/min			
	DN15	5-500NL/min			
BT-HJPT20-YT (large caliber)	DN25	20-2000NL/min	2.0MPa	±(1.5+0.5FS)	Aluminum alloy
	DN32	30-3000NL/min			
	DN40	50-5000NL/min			
	DN50	70-7000NL/min			
MFC Mass flow controller (Proportional valve) BT-HJAWM-YTFC	DN8	500ml-50NL/min	1MPa	±(1.0+0.2FS)	Aluminum alloy (SS304+)
	DN10	6-200NL/min	1MPa		
Mass flow controller (Electric ball valve) BT-HJFS05-YTFV	DN20	20-1000NL/min	1MPa	±(1.5+0.2FS)	Aluminum alloy (SS304+)
	DN25	40-2000NL/min			

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Note: Suitable for measuring air, oxygen, and nitrogen; results for other gases may vary.				
Signal output	**Range ratio**	**Power suppy**	**Connection size**	**Picture**
4-20mA,RS485 (chooseone)	1:100	24VDC	G3/8''male thread or NPT1/2	
4-20mA,RS485 NPN or PNP(customize)	1:100	24VDC	BSPT/G1/4''Female	
			BSPT/G3/8''Female	
			BSPT/G1/2''Female	
			BSPT/G3/4''Female	
			BSPT/G1"Female	
			G1/2''Female	
			G3/4''Female	
4-20mA,RS485 NPN or PNP(customize)	1:100	24VDC	G1/4"	
			G1/4"	
			G3/8"	
			G1/2"	
4-20mA,RS485 NPN or PNP(customize)	1:100	24VDC	BSPT/G1''Female	
			BSPT/G1-1/4''Female	
			BSPT/G1-1/2''Female	
			BSPT/G2''Female	
RS485	1:50	24VDC	G1/4	
	1:50		G3/8	
RS485	1:50	24VDC	/	

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