

SS TURBINE TYPE FLOW METER



TECHNICAL SPECIFICATIONS:

Material of construction:		
Enclosure	:	SS-304/SS-316
Rotor	:	SS-410
Shaft	:	Hard Stainless Steel-316 with carbon bush
Accuracy (std installation)	:	+/- 1% FSD
Repeatability	:	0.1%
Maximum working pressure	:	6 MPa
Fluid & Ambient temperature	:	-20 to 120 Deg. C
Connection	:	Thread (M/F) or flange

FLOW RANGE SELECTION TABLE:

Model No	Pipe Size	Process Connection	Flow Range (LPH)
CI-DTFS-004	1/4"	bsp (M) Threaded End	40-400
CI-DTFS-009	1/2"	bsp (M) Threaded End	200 - 2000
CI-DTFS-012	3/4"	bsp (M) Threaded End	500 - 5000
CI-DTFS-020	1"	bsp (M) Threaded End	800 - 8000
CI-DTFS-025	1.25"	bsp (M) Threaded End	1000 - 10000
CI-DTFS-032	1.5"	bsp (M) Threaded End	1500 - 15000
CI-DTFS-040	2"	bsp (M) Threaded End	2000 - 20000
For Above Pipe Sizes: ANSI Class150 Flange End Connection / Tri Clover Connection are also available			
CI-DTFS-050	2"	ANSI Class150 Flange End	4000 - 40000
CI-DTFS-080	3"	ANSI Class150 Flange End	10000 - 100000
CI-DTFS-100	4"	ANSI Class150 Flange End	20000 - 200000
CI-DTFS-150	6"	ANSI Class150 Flange End	30000 - 300000
CI-DTFS-200	8"	ANSI Class150 Flange End	40000 - 400000
CI-DTFS-250	10"	ANSI Class150 Flange End	60000 - 600000

ADVANTAGES:

High Accuracy	wide Viscosity Range	Low Pressure Drop compared to other PD meters
High Resolution	Non sensitive to pulsating flow	Resistant to corrosion due to advance rotor and bearing materials

APPLICATIONS:

Food Pharmaceuticals Chemicals Petro-Chemical Paper

FLOW DISPLAY UNIT

Field Mount



Panel Mount



We have a wide range of Field/Panel mounted type of meters, in which calibration factor is programmable. There are various unit selections available as Flow Rate Indicator, Totaliser, Batcher, Flow Rate Switch, Flow Transmitters with 4-20mA output/RS485 output/RS232 output & with Printing Facility etc

These meters are highly accurate, having optimized structure, highly reliable, more competitive than the similar type flow meter. We think, these flow meters are an ideal flow meter used in all kinds of most popularity measuring system. Our R&D department is continuously working to make these meters user friendly.

	Flow Rate Indicator	Flow Rate Indicator cum Totaliser	Flow transmitter
Make	Brio Instruments	Brio Instruments	Brio Instruments
Model	CI 100	CI 200	CI 300
Orientation	Field /Panel Mount Type	Field /Panel Mount Type	Field /Panel Mount Type
Function	Flow Rate Indication	Flow Rate + Totalised Flow	Flow Rate + Totalised Flow
Display	16 X 1 Lcd display with Backlit	16 X 2 Lcd display with Backlit	16 X 2 Lcd display with Backlit
Power Supply	230 VAC , +/- 10% (12VC or 24 VDC optional)	230 VAC , +/-10% (12VC or 24 VDC optional)	230 VAC , +/- 10% (12VC or 24 VDC optional)
Linearity	±1% of full range	±1% of full range	±1% of full range
Repeatability	±0.5% of full range	±0.5% of full range	±0.5% of full range
Configuration	Password Protected	Password Protected	Password Protected
Calibration	Using Front Panel Keys	Using Front Panel Keys	Using Front Panel Keys
Input	5-24 VDC pulse input	5-24 VDC pulse input	5-24 VDC pulse input
Output	N.A.	Potential Free Relay (1 or 2) Against Flow Rate or Total)	Potential Free Relay (1 or 2) Against Flow Rate or Total)
Retransmission output	N.A.	N.A.	4-20mA Or 0-10 VDC Or RS 485 / RS 232/ Printer Port
Meter Size	96x96x100 mm	96x96x100 mm	96x96x100 mm
Cutout Size	90x90 mm	90x90 mm	90x90 mm

CI200B – Flow Batcher, which have 1 relay output against Total

CI200R – Flow Rate Indicator Cum Flow Switch, which have 1 relay output against Flow Rate
For Field Instruments Size 100X100X80 mm

We configure the Display Units As per Customer Requirements

Prerna Regd Off:
ENTERPRISES 1365 B, Ward, Khari Corner,
Mangalwar Peth, Kolhapur-416012

Branch Off:
A1, Aditi Society, Dangat Industrial Estate,
S No.79, Shivane, Pune-411023
E-mail: deepakjadhav21@gmail.com
Contact:9890227232