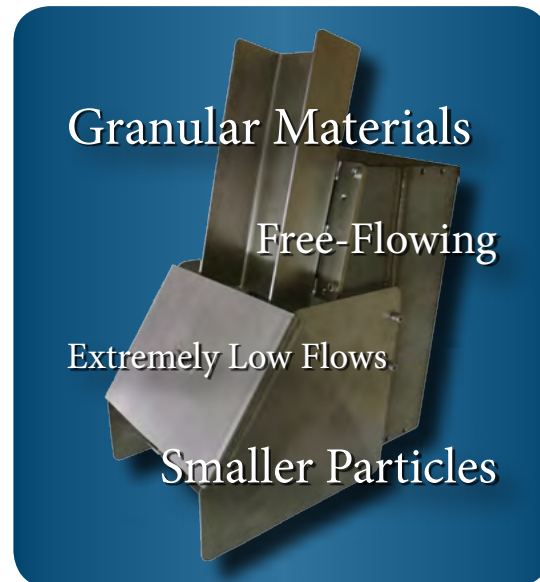


CFL Type I: Low Flow

The CentriFlow® CFL Meter is a bulk solids mass flow meter specially designed for very low flow rates that can be as low as 100 lb/hr. The CFL Type I, as with all other Type I Meters, is constructed primarily for use after feed devices that move material in a horizontal direction (belt conveyors or vibratory conveyors, for example). Unlike other models of the Type I Meter, the CFL meter typically includes a housing that shelters the Measurement Pan. The CFL Type I Meter is great for free-flowing products and is often used to measure additives, ensure proper ratios of mixtures being blended together, or for any application in which accurate flow measurement of low flow rates of material is important. The CFL is constructed entirely of Stainless Steel. As with the standard CentriFlow® Meter, the CFL would typically require some sort of transition (pictured) if oriented in the In-Line flow configuration. This transition can either be supplied by Eastern Instruments, or by a third party as well.



Material Specification

1. Standard meter parts including the meter body and casing are constructed entirely out of 304 Stainless Steel.
2. Standard product contact surfaces such as the Measurement Pan and Tangential are constructed of Stainless Steel.
3. Stainless Steel Pans are typically of a welded, one-piece constructions and can be manufactured with a variety of coatings as well.
4. Many options for flow surfaces are available and can be substituted for the standard flow surfaces mentioned above. The meter body and casing can be manufactured out of either 304 or 316 Stainless Steel

Design Specification

- The outer assembly is fully welded which helps maintain the meter's accuracy especially during measurement periods of extremely low flow rates.
- The Pan Assembly as well as the Meter Housing, are both detachable Stainless Steel weldments that are easy to remove for cleaning and maintenance.
- The overall footprint of the CFL Meter is less than 24" in height.
- The intake transition is completely customizable to accommodate any application.

Volumetric Capacity of the CentriFlow® CFL Meter for REVERSE FLOW ft³/min (m³/hr)

Meter Size	Belt		Vibratory	
	Min	Max	Min	Max
CFL-03	0.13 (0.21)	2.50 (4.25)	0.13 (0.21)	2.50 (4.25)
CFL-06	0.34 (0.57)	6.75 (11.47)	0.34 (0.57)	6.75 (11.47)

Volumetric Capacity of the CentriFlow® CFL Meter for IN-LINE FLOW ft³/min (m³/hr)

Meter Size	Belt		Vibratory	
	Min	Max	Min	Max
CFL-03	0.13 (0.21)	2.50 (4.25)	0.13 (0.21)	2.50 (4.25)
CFL-06	0.34 (0.57)	6.75 (11.47)	0.34 (0.57)	6.75 (11.47)