

Mini-Feeder Laboratory Circle Feeder®



TECHNICAL BULLETIN

TB-GR-121

The Mini-Feeder is a bench top device that can feed very small quantities of even difficult to feed powder materials. It can be used for R&D and/or for evaluating the effectiveness of the unique Circle Feeder® for larger scale production. It offers:

- Extremely compact, simple construction
- Slow rotation for gentle handling
- High precision uniform-rate feeding
- Easily changeable feeding rate with compact, speed-adjustable motor
- Simple, quick assembly and disassembly
- Shown with optional Hopper

Circle Feeder® Operation

As a central vane slowly rotates, material is radially moved under a fixed ring and conveyed to the discharge port. This allows the level of material in the hopper to drop evenly, creating mass flow conditions in the hopper. The Circle Feeder's large inlet diameter exceeds most material's critical arching diameter. The feeder's simple design and slow rotation speed assure quiet operation and low maintenance.



Specifications

Model	MF-100	~	MF-250
Designed Feed Rate (ml/min)	15~	*	~1833
Power Supply	Single-phase AC100V/Three-Phase AC 200V 50/60 HZ		
Available In	Stainless Steel, Aluminum, and More		
Attachments	Speed Control Box or Inverter		
Optional	Hopper		

MF-150 and MF-200 are also available.

LCI Corporation is the exclusive distributor for Yoshikawa Corporation in the Americas.