

Brabender Technologie

Micro Feeders

THE CHALLENGE

Some processes or test labs require accurate feeders for dry ingredients at very low feed rates and they need to perform accurately and reliably in a production environment.

THE SOLUTION

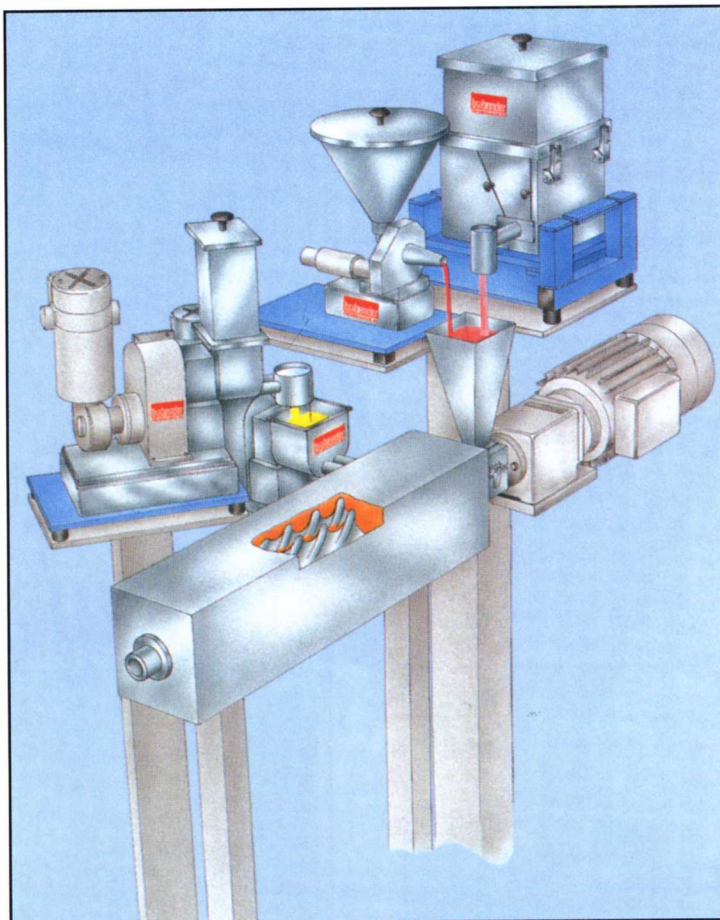
BRABENDER MICRO FEEDERS

THE MINITWIN FEEDER

The Brabender MiniTwin Feeder (12mm dia. twin screws), one of the smallest twin screw feeders in the world, feeds powders at rates as low as 50g/hr. Twin concave screws offer the advantage of self wiping. Concave screws which are double flighted have a large inlet and high screw speed. This results in a very smooth flow profile.

THE ROTOTUBE MICRO FEEDER

The Brabender RotoTube Micro Feeder feeds pellets and fine-grained ingredients down to a minimum feed rate of 30 g/hr. The feeding method is based on a rotary tube with internal particle guidance. Individual pellets can be dispensed one after another.



Lab Size Extrusion Line with Brabender Micro Feeders



MiniTwin on Platform Scale P2-MT-6



RotoTube on Platform Scale P1-RT-1.3

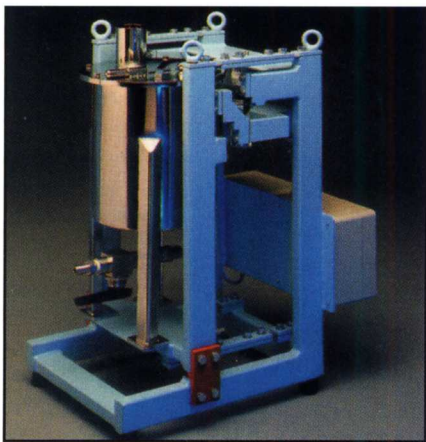
Brabender Micro Feeders



One Inch Vibrating Tray Feeder

THE VIBRATING TRAY FEEDER

For heavy powders and 1/8 inch chopped glass feeding Brabender offers ideal gravimetric feeding solutions with special vibrating trays (1 inch wide tray), flat or V shaped.



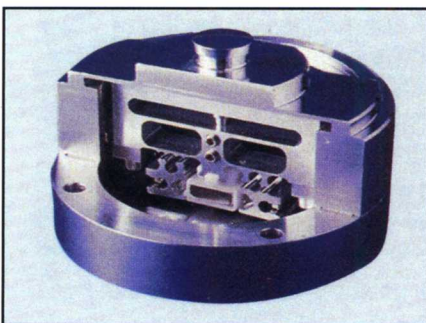
Liquid Feeder

THE LIQUID LOSS-IN-WEIGHT FEEDER

Liquids are fed at rates of 20 grams per hour by gravimetric Micro Liquid feeders.

THE FEED CONTROLLERS

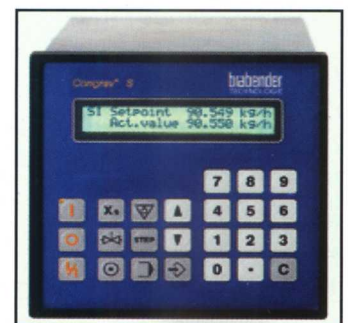
The extremely low rate feeders from Brabender require the high resolution capability (1: 1,000,000) of the IDL-F load cell achieved with the control from Congrav™ controllers.



Fast Deflectionless Weighing: IDL-F and Frame Scale combine for immediate response, 8/1000 inch movement from full to no load.



Congrav™ LM/3



Congrav™ S

Leading Manufacturer of Feeding, Weighing and Discharging Equipment
with Over 50 Representative and Service Centers Worldwide

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