

Brabender®CWB



Prep-Center®



... where quality is measured.

Prep-Center®

Features

The Prep-Center® is designed for small batch preparation. It is an ideal instrument, for it is a dependable, cost effective drive unit that can accommodate any Brabender® Mixer/Measuring Head and/or Extruder Attachment. The Standard unit is mounted on a heavy duty mobile floor stand, with locking foot brake, or can be supplied as a table top model.

The Prep-Center® features a 5.0 HP Vector Drive with a 2-Stage Helical Bevel gear reducer, variable speed 2-150 RPM with electronic torque overload (24,000 Mg) protection, soft touch digital keypad for manual speed control with reverse/jog and digital RPM and AMP readout.

The temperature control console is a separate unit with PID controls that allow the instrument to operate with

simultaneous heating/cooling functions in order to maintain accurate control over the processing conditions. The unit can also be equipped with melt temperature and pressure indicators to simulate production environments, and recording capabilities.

ADDITIONAL FEATURES:

Since the Prep-Center® can accommodate any Brabender® mixer/measuring head and/or extruder attachment, it is a necessity for any laboratory or pilot plant. The numerous interchangeable combinations of mixers and extruders present dependability and savings in terms of time and economic cost. C.W. Brabender® offers an extensive line of mixers designed to simulate production characteristics and various single screw and twin screw extruders for processing applications.

- Laboratory Scale Batch Mixing
- Small Extrusion Production Runs
- Scale-Up Mixing Studies
- Evaluation of Extrudate Quality



C.W. Brabender® laboratory

C.W. Brabender® support

A modern applications laboratory is available for all customers and interested parties for trials with their own materials. All C.W. Brabender® measuring systems can be tested under ideal conditions. An experienced expert team will assist all tests.

Together we will find the optimal solution to meet your testing needs.

Technical Data

Power	5.0 hp
Speed Range	2...150 rpm
Speed Deviation	0% through digital feedback
Torque Overload	240 Nm (24,000 Mg)
Power Requirements	208/230V 60 HZ, 3 Phase, 16 amps
Dimensions* (W x H x D)	22" x 48" x 40"
Table-Top	22" x 13" x 40"

*Console Dimensions: 7" x 19"

Consult manufacturer for temperature control information



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