



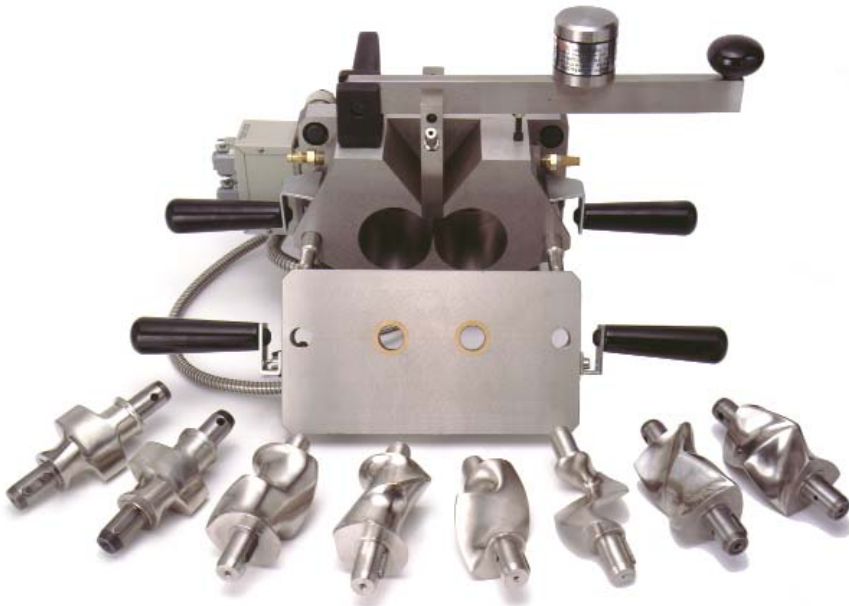
C.W. Brabender®
INSTRUMENTS, INC.

Prep-Mixer®

Mixer/Measuring Head

- **3-Piece Design**
- **350/420ml Capacity**

Prep-Mixer®



Ideally suited for preparing laboratory batch samples of thermoplastic and elastomeric compounds

C.W. Brabender® customers frequently need to conduct a variety of mixing tests on different types of materials. Therefore, we offer a product line of Mixer/Measuring Heads that are commonly used for general mixing studies of flowable materials.

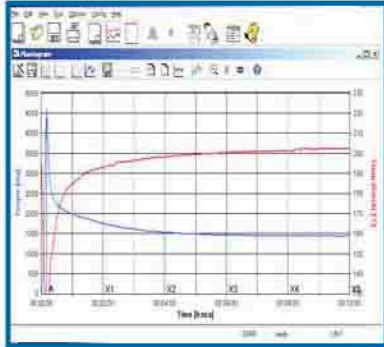
The Mixer/Measuring Head is a miniature internal laboratory mixer (electrically or liquid heated) specially designed for attachment to a C.W. Brabender® drive unit.

The Mixer uses non-intermeshing, counter-rotating mixing blades to homogenize a single or multi component material blend on a laboratory scale volume. Ultimately, it increases the processing flexibility of a laboratory with diverse materials testing requirements.

Features and Specifications

C.W. Brabender® - Prep-Mixer®

• SOFTWARE •



Thermoplastic Curve

C.W. Brabender® Instruments, Inc. offers two exclusive software programs for mixing needs. WINMIX and MIXCORR...

WINMIX is the custom designed Brabender® Windows™ software program for the Intelli-Torque Plasti-Corder® torque rheometer and the ATR Plasti-Corder®.

The applications software evaluates torque curves and generates data necessary to characterize the material's flow behavior in accordance

with today's standard practices and protocols.

The MIXCORR Program is a Mixer Data Correlation Statistical Analysis Software Program, enabling the operator to overlay multiple curves and evaluate the data graphically and/or statistically.

It is an effective means of further analyzing mixer torque and processing data. In practice, it is helpful in solving processing problems with new formulations.

Technical Data

C.W. Brabender® mixing bowls and removable blades are cast of 304 Stainless Steel. Custom metallic and heat hardened surfaces are available upon request. A torque overload shear coupling is attached to each mixer, protecting the motor drives from torque overload and preventing damage to the Mixer/Measuring Head...

The Prep-Mixer® can be supplied with a 3:2 or 2:3 (drive:driven) gear ratio.

Customer Satisfaction

C.W. Brabender® Instruments, Inc. provides unparalleled service and technical support for our customers by employing highly skilled tradesmen, service technicians, and an experienced sales force.

We have a modern application laboratory located at our National Headquarters to benefit the interests of our customers. An experienced technician shall attend to the specific needs of each and every individual, and shall remain present throughout the entirety of the test and trial periods in order to assist in the customer's quest for desired results.

To arrange for a personal demonstration of the Prep-Mixer® software programs, contact the technical staff at C.W. Brabender®.

Discuss what WE can do
for YOU...

Blade Type	Net Chamber Volume	Shear Rate	Suggested Charge 70 % of Total at 1.0 Specific Gravity
Roller	350 ml	High	245 g
Cam	420 ml	Medium	294 g
Banbury	375 ml	Medium	263 g
Sigma	600 ml	Low	420 g



C.W. Brabender® Instruments, Inc. • 50 East Wesley Street, South Hackensack, NJ 07606
Tel: 201.343.8425 • Fax: 201.343.0608
E-Mail: cwbi@cwbrabender.com • www.cwbrabender.com

