



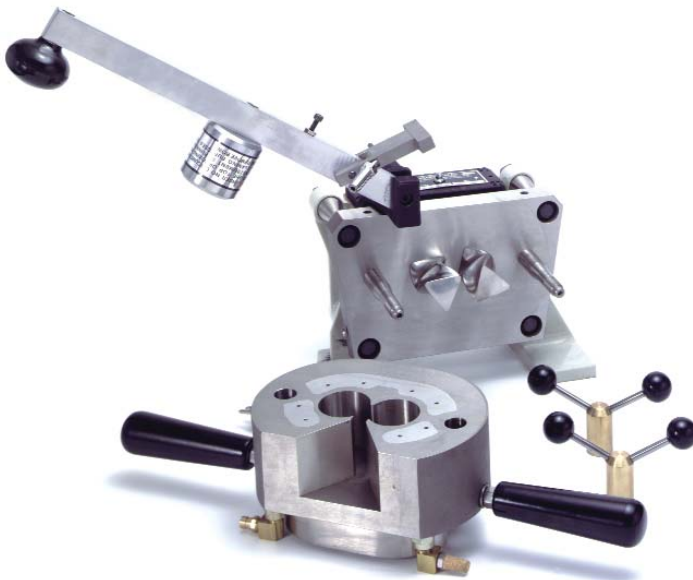
**C.W. Brabender®**  
INSTRUMENTS, INC.

## Type Six Mixer

Mixer/Measuring Head

- **2-Piece Design**
- **60/120ml Capacity**

**Type Six  
Mixer**



Ideally suited for distinguishing wider differences  
between polymer melts...

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.

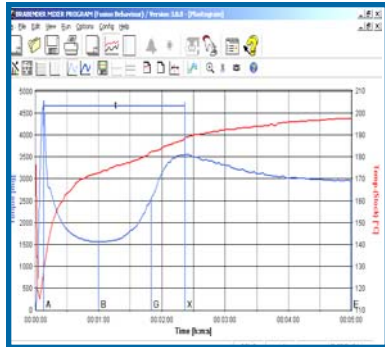
The Mixer/Measuring Head is a miniature internal laboratory mixer (electrically or liquid heated) specially designed for attachment to a C.W. Brabender® drive unit.

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® - Type Six Mixer

### • SOFTWARE •



Rigid PVC Fusion 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.

### 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 Type Six Mixer software programs, contact the technical staff at C.W. Brabender®.

Discuss what WE can do for YOU...



### Technical Data

C.W. Brabender® mixing bowls and removable blades are cast of 316 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 Type Six Mixer can be supplied with a 3:2 or 2:3 (drive:driven) gear ratio.  
1 Heating Zone

Blade Type	Blade Displacement	Shear Rate	Suggested Charge 70 % of Total at 1.0 Specific Gravity
Roller	60 cc	High	42 g
CAM	75 cc	Medium	53 g
Banbury	85 cc	Medium	60 g
Sigma	120 cc	Low	84 g

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