



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



**ATR - VAS**

The ideal solution for characterizing PVC materials for fusion and/or heat and shear stability analysis...

The ATR-VAS offers an economical resource to quality control and product development by utilizing the WINMIX software program.

WINMIX is the custom-created Brabender® Windows™ software mixing program designed to characterize and evaluate test materials. The software allows the operator the ability to not only store the data but to also retrieve the data in order to compare and/or contrast during future analysis studies.

WINMIX applications software program features distinct evaluations for

- PVC •

The torque curves and the data they generate characterize the material's flow behavior in accordance with today's standard practices and protocols.

- PVC Fusion Behavior
- Dynamic Thermal Stability
- ASTM D-2538

When an application calls for changing the parameters while a test is in progress, the WINMIX Program enables the operator to easily change the test time, temperature, torque range and speed.

The WINMIX Program also provides a Note Pad feature, which allows a notation to be inserted on a curve. Notations can be recorded while the test is in operation or once the test has been completed.



# Features and Specifications

## C.W. Brabender® • ATR - VAS

### MIXCORR

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.

The MIXCORR Correlation Program can be used to compare mixer tests that were run under identical test conditions for the same material. Mean values and standard deviations are calculated, and reference curves with tolerance limits can be determined.

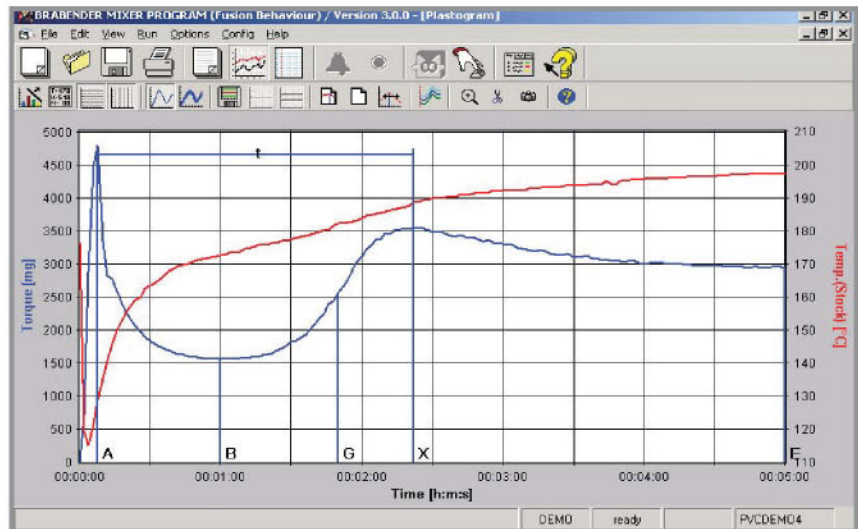
### Customer Satisfaction

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.

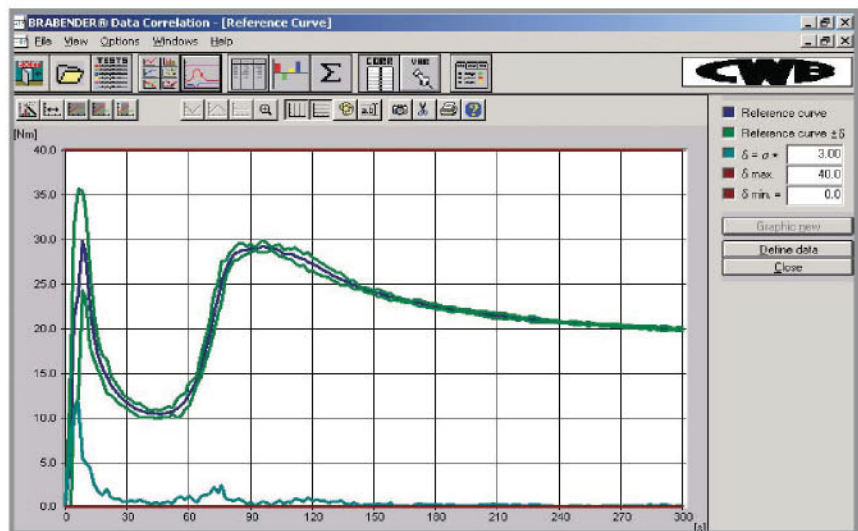
We have a modern application laboratory located at our National Headquarters to benefit the interests of our customers. An experienced technician shall attend to the specific needs of each and every individual, and shall remain present throughout the entirety of the test and trial periods in order to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

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

Discuss what WE can do  
for YOU...



Rigid PVC Fusion Curve



Standard PVC Fusion Curve - 5 Individual Fusion Tests

### SPECIFICATIONS

Power	2.5 HP
Speed Range	up to 120 RPM
Speed Deviation	0%...through digital feedback
Measuring Range	0...160 Nm (16,000 Mg)
Dimensions	48" x 22" x 38" (HxWxL)
Power Requirements	230/208 V, 3 phase, 40 Amps



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