

# The CBM™-2002 Lab Master

## Reduce Batch Mixing Cycle Time by 50%!



**READCO**  
**KURIMOTO, LLC**

*Continuous Mixing. Continuous Expertise.*

The CBM-2002 Lab Master from Readco Manufacturing is a revolutionary dry powder blending and processing system that can reduce batch mixing cycle time for smaller continuous batch operations by 50% or more!

This system enables you to change, blend and discharge in one continuous cycle in batch sizes from 1-12 quarts. It offers advanced electrical and mechanical features that provide a tumbling action as well as a high-speed impeller for "impeller forced processing capabilities." In addition, the modular design incorporates removable stainless steel vessels in a variety of sizes to meet every processing scheme.

The unit consists of a main drive station which houses the drive motor and gearing; an electrical enclosure that contains the PLC control, VFD, and programmable touch pad LED screen; and a blending module that contains the high speed impeller.

This unique design allows for smaller continuous/batch operations. As one vessel is being charged, one can be blending, one can be discharged and one can be cleaned. In addition, each drive station will accept several different sized blending vessels. The CBM-2002 Lab Master gives today's dry powder manufacturer complete flexibility with his processes. A full range of accessories is also available.

### TYPICAL APPLICATIONS

#### Cosmetics

Eye Shadow  
Face Powder  
Bath Powder

#### Pigments

Co-Polymers  
Vinyl  
Polyester  
Thermoset  
Color Concentrates  
PVC

#### Ceramics

Tile  
Porcelain Enamel  
Electrical Insulators

#### Pharmaceuticals

Antacid  
Antibiotics  
Vitamins

#### Specialty Foods

Flavorings  
Hi-Protein Supplement  
Preservatives

### SPECIFICATIONS

Model Number	CBM-2002
Process Modules	1 qt, 2 qt, 4 qt, 6 qt, 8 qt, 12 qt
Module Working Capacity	50% to 75% of the total
Impeller Speeds	Controllable within a range of 500 to 4,150 RPM, with corresponding tip speeds of 425 to 3,828 feet per minute
Impeller Types	S-100 Flow-induced mixing WISK Shear-induced mixing
Impeller Shaft Seals	Stacked rings of felt
Material of Construction	Module 304 Stainless Steel Impeller 304 Stainless Steel Drive Painted
Mechanical Drive	Low and high-speed concentric shafts
Electrical Enclosure	110 volts, PLC control, miniature VFD motor controls, programmable touch pad LED screen and potentiometer

Send Us A Pound Of Material For A Free Lab Test!  
Call today for a FREE lab test. We'll process to your specifications and send back samples with a test report. Or ask for our FREE video on this state-of-the-art system. Between our high energy, qualified sales personnel, our video, and our lab test, we can show you the CBM-2002's extraordinary capabilities.

**For more information contact Readco Kurimoto, LLC at 717-848-2801.**