BenchMix™ & Pilot Plant

ADMIX®

High Shear Lab Mixers

Ideal for product development and formula optimization

The new BenchMix model OPLB-400 is the most versatile & powerful benchtop lab mixer on the market! No other benchtop lab mixer combines power, speed and versatility all in one unit.

In many product development labs, new and modified formulas are successfully produced on the bench, however, these results cannot be duplicated when scaling to actual production runs. Admix offers guaranteed scalability! Whether you plan to make lab batches of <2000ml or up to 80-liters in the pilot, you can be assured that scalability will be accurate and produce the desired results from the lab through 10,000 US gallons.

Our engineers understand the pain of scale-up missteps during a plant start-up or reformulation first-run, and have specifically designed our sanitary bench and pilot devices for product development, simulation and scale up. All models provide predictable, repeatable results when scaling up Rotosolver dispersers or Rotostat emulsifiers from the development lab to pilot scale and full production, or these units can also be used for small batch and sample production runs.

BenchMix benefits for your lab and process

- ✔ Bring new products to market faster
- ✔ All results can be accurately scaled to production volumes
- ✔ Complete versatility with multiple high shear heads, low speed impellers and props
- ✔ The new OPLB-400 offers 3 HP at up to 12,000 RPM and handles volumes up to 20 liters
- ✔ Available with low batch level adapter
- ✔ Variable speed
- ✔ Touch panel control for simple operation includes integrate on-screen help

www.admix.com **Your Mixing Technology Partner**

Ideal for pilot plant and small production runs

Pilot plant units (Rotosolver disperser model RS-02 and Rotostat emulsifier model XP-02) operate at up to 3,450 RPM with larger mix heads than our BenchMix models (refer to table below), providing the ideal tip speed and shear rate for many applications.

Pilot plant models are designed for batch sizes from 5 to 20 gallons (20-80 liters) depending upon the product viscosity, density and solids levels.

All results can be accurately scaled to production volumes. These units are also ideally suited for small batch or sample production runs.

Rotosolver RS-02
40"H x 22"W x 18"D

Committed to Adding Value

Our customized solutions and application experience bring unparalleled value to your production process. We are results oriented, with the reputation and resources to ensure that our mixers exceed your expectations.
We encourage our customers to pre-test ingredients in our lab or set up an equipment trial at your own plant. Ask us for details!

ASK US ABOUT OUR TRIAL PROGRAM
or visit admix.com/trial

Models, specifications & performance

Features	OPLB-350	OPLB-375/400	XP/RS-02
Volume	1-10 Liters (0.5 - 2.5 gallons)	1-20 Liters (0.5 - 5 gallons)	20-80 Liters (5 - 20 gallons)
HP	1.5	3	1
Output Speed (maximum RPM)	12,000	12,000	3,450
Rotosolver® Shear Impeller (stator)	1.14"	1.14" and 1.57"	2.36"
Rotostat® Shear Impeller (rotor)	0.95"	0.95"	2.48"
Primary Pumping Impeller	1", 1.5", 1.6", 2"	1", 1.5", 1.6", 2"	3", 3.5", 4"
Secondary Upper Impeller	N/A	1.6"	3"
Adjustable Beaker Clamp	✔	✔	N/A
Low Batch Adapter	✔	✔	N/A
Casters	N/A	N/A	✔
Scalable	✔	✔	✔
Input Voltage	1/60/115	1/60/115-230	1/60/115-230 or 3/60/230-460
Dimensions (with stand)	50"H x 20"W x 22"D	50"H x 20"W x 22"D	40"H x 22"W x 18"D

EMPLOYEE OWNED...
CUSTOMER FOCUSED

Employee Owned... Customer Focused

The employees of Admix bring a unique perspective and attitude to servicing our customers. As a shared ownership company, we know that our success is completely dependent upon your satisfaction. We trust that when you communicate with our employee owners, you'll sense our enthusiasm and commitment to meet or exceed your expectations.

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