

MICROMIX

MICROWAVE MIXER WATER CONTROL

Accurate and economical. Everyone knows that microwave is the only way to go.

Combine a rugged microwave sensor with the power of BatchTron and what do you get? A major saving over competitive systems, while maintaining top performance. If your business is dry cast concrete - precast, block or pavers - MicroMix will give you the control that you need; consistent quality that doesn't cost a fortune.



- **MicroMix** monitors the moisture while adding water until the correct value is obtained. This method is just as accurate as our MixTron water system but is slower. **If speed is not all-important, MicroMix will save you money.**
- **MicroMix's** microwave sensor is unaffected by the type of cement, admixtures and temperature variation. Unlike older systems based on resistance, **measurement is accurate at all times, giving you perfect moisture, batch after batch.**
- Fast and slow feed water valves accurately control the flow of water. The initial water feed is fast to get the bulk into the mixer quickly. Then the slow "final wet" feed continues until the precise target moisture value is reached.
- Pre-wet cycle can be tailored for lightweight aggregates. **Produce standard and lightweight products in the same mixer.**
- When the final wet is complete, the mix is ready for discharge. **No extra mixing time required.**
- Because it uses the BatchTron computer for control, the system requires only the sensor, water valves and software, **resulting in a large saving over a stand -alone moisture controller.**

- **MicroMix** uses **BatchTron's** graphic touch screen for display and control. **Easy to set up and operate.**
- **MicroMix's** moisture trend graph allows the operator to view the mixing action as it proceeds. Window on the mixing process shows up badly adjusted or worn blades, **ensuring proper mixing action.**
- Target moisture values and choice of Standard or Lightweight concrete are stored in the batch formulas, allowing different moistures and mixing sequences to be preset for different products. **No mistakes! This type of integration is easy with MicroMix but difficult or impossible between separate batching and moisture controllers.**



WHAT IS THE DIFFERENCE BETWEEN MASTERMIX AND MICROMIX?

MasterMix is for fast, high production plants where the mixer never takes a break. It allows more pours per hour because of its fast operation. **MicroMix** is for the slow to medium production plant where longer mixing cycles will not slow down production. It is a simpler system which costs less.

WHY DO WE NEED BOTH MICROMIX AND MIXTRON?

Mixtron is a stand-alone water dosing system for use with separate batching controllers. It can be used with BatchTron but is more expensive than **MasterMix**, which is built into the BatchTron system. Like MasterMix, MixTron is for fast, high production plants. **MicroMix** is for the slow to medium production plant where longer mixing cycles will not slow down production. The simpler system uses less parts, is easier to set up and costs less to manufacture.

With **MicroMix** and a well adjusted mixer, you will make better product, saving money and increasing profit.

THE COST

MicroMix includes the sensor, valves, input unit for the **BatchTron** computer and special software. Because it does not require large, expensive water valves or a volumetric water meter, and runs on BatchTron's computer instead of a separate controller, **it costs less than other microwave systems**. Call us for prices and more details.

MicroMix requires the BatchTron-II or III batching controller for operation.

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