

# **BATCHTRON I**

## **THE FULL-FEATURED BATCH CONTROLLER THAT COSTS LESS THAN \$10,000**

Get best value out of your plant by running it with the best controls. BatchTron I is a step ahead of other control systems. Re-engineered from the top down, BatchTron I gives you all the features that make its bigger brothers so powerful and easy to use, while keeping the cost to an absolute minimum. From ready-mix to portable plants and products plants, BatchTron I gives you outstanding value for money.

- Eliminate expensive down time. BatchTron uses a PLC and touch screen to give you reliability that just isn't possible with computer-based systems. PLCs are designed for the industrial environment and are at home in concrete plants.
- Eliminate batch weight errors and wasted product with automatic self-tuning that keeps your plant at peak trim all the time.
- All the controls - all of them - are right on the screen, making broken switches and loose wires a thing of the past, and it can be upgraded on-line. So easy.
- No extra cost scale indicators either. The scale displays are all on the touch screen, making it even more reliable, and they're all digital; no error between external weight indicators and the control system.
- BatchTron doesn't use Windows software; it uses PLC software, which is different from PC computer software - It is guaranteed freeze-proof. Unless struck by lightning, your PLC will keep on running, no matter what.
- No fans, no inlet for fine dust. Even the best filters let in the finest dust, which gets into the connectors and stalls the system. We know the problem. We don't let it happen.
- Pre-programmed to fit many plants. Whether yours is a dry plant, premix plant with mixer, has an aggregate holding hopper over the mixer or just a belt feed, you can select it from the menus. The number of aggregates, cements, waters and admixtures determine the expansion required and the cost. Don't pay for what you don't need.
- Upgrade at any time. Expansion units can be plugged in, giving you instant upgrade to more ingredients and more features if you need them later.



- Download new software. With STI (Service and Training by Internet) or modem service, you can connect to our upgrade service instantly. Change from dry plant to premix or vice versa. Take advantage of new features when you need them.

### **Touch and go**

Load a formula, choose the batch size and press GO. It's that easy to make a batch. Everything else is automatic. Or touch a feed button to feed aggregates into the scale. Touch the discharge button to discharge the scale. Start or stop the mixer; on-screen buttons allow individual automatic or manual operation of every function, not just one AUTO/MAN switch that forces you to run manually when a fault occurs. This allows minor breakdowns like faulty limit switches to be bypassed without affecting the rest of the system and keeps you running automatically except for the one function that you bypassed.

Enter, retrieve, modify and copy formulas from one memory location to another. Modify ingredients or formulas on the fly. It's fast, accurate and easy with BatchTron's touch keyboard.

BatchTron I's 5.8" monochrome touch screen has clear animated graphics to picture your plant as it operates. Several languages are available. Call for details.

## Choose dry or premix

### BatchTron I-D for dry plants (without mixer)

Basic system: Two scales, 3 of 6 aggregates, 2 of 3 cements, 1 of 2 waters by meter and 3 of 6 admixtures by meter and sight glass.

Expansion package A – increased ingredients to 6 of 6 aggregates, 2 of 3 cements, 1 of 2 waters and 6 of 6 admixtures.

Expansion package B – robinincreased ingredients to 6 of 6 aggregates, 3 of 3 cements, 2 of 2 waters and 6 of 6 admixtures.

### BatchTron I-P for premix plants (with mixer)

Basic system: Two scales, 3 of 6 aggregates, 2 of 3 cements, 1 of 2 waters by meter, 5 of 6 admixtures by meter and sight glass, plus 1 mixer with aggregate feed by conveyor, conveyor plus holding hopper or direct.

Expansion package C – increased ingredients to 6 of 6 aggregates, 3 of 3 cements, 2 of 2 waters and 6 of 6 admixtures.

All BatchTron I systems have storage for 800 formulas.

## The added power of the PC

BatchLink Reporting is software that you install on your PC computer and links to BatchTron. It stores all your batch reports, material usage and production totals as well as material deliveries, giving you instant control over many reports, including inventory.

BatchLink Order Entry is not yet available for BatchTron I. Call for updates.

## Warranty and support plans

Our standard warranty covers parts and support for the first year. Then choose from a basic support plan covering technical support plus unlimited training or total support plus parts. We offer more for your dollar. Check it out.

**With 35 years of experience, who 'ya gonna call?**

BatchTron is a high-powered PLC based controller that makes life easy with an intuitive graphic touch screen interface. Applications include Precast, Prestressed, Block, Pavers, Ready-Mix, Architectural, Dams, Roadways, Mine Backfill, to mention just a few, across North America and worldwide.

**BatchTron I** is the economical model with monochrome screen

**BatchTron II**, with 8" color screen, runs single mixer plants.

**BatchTron III**, with 12" color screen, runs multiple mixer plants.

## Hookup to Startup

Installation can be accomplished by any electrician familiar with industrial control systems. Connect to console models with multi-conductor flexible cable, to allow it to be moved for the best operator position, Teck or conduit for wall-mounted cabinets. We recommend our personnel be present during scale calibration and startup; this ensures that operator training is accomplished and any on-site changes are completed before we leave, to ensure your satisfaction.

## Service and Training by Internet

If your PC connects to the Internet, on-site service is a thing of the past. Our personnel can hook into your system and diagnose problems around the world if necessary. Add a speakerphone and we can train your operators too. It's the next best thing to being there, and it costs almost nothing!

Modem service is also available if no internet service is available. This requires a dedicated phone line (not a private exchange extension).



For latest information and video, visit

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