

# ProBatch IntelliSeries™



*ProBatch™ IntelliSeries™ Automation System - Dry Batch Configuration*

For Producers requiring the maximum in functionality and expandability, the **ProBatch™ IntelliSeries™** concrete automation system is the unit of choice. Designed to provide automation control for the most demanding concrete plant the **IntelliSeries™** is ideal for both ready mix as well as products plants. The **ProBatch™ IntelliSeries™** control panel can be custom configured to fit almost any plant. Generally the **IntelliSeries™** panel uses the industry standard switch and two colour coded layout. Material sections of green, yellow, red, blue and white for aggregates, cement, admixtures, water, and auxiliary functions, respectfully, make batching functions easy to find. If a customer needs a custom layout it can be easily accommodated. Each switch is lighted, adequately spaced and custom labelled. All of the automation components are housed inside the panel so there is no need for a "box on the wall". The all-metal construction makes for a rugged design so one can be assured that the investment made will last well into the future.

The base **IntelliSeries™** system controls up to:

- 6 Aggregate Bins
- 4 Cement Silos
- 6 Admixes
- 2 Waters

Optionally, the **IntelliSeries™** system can be expanded to control up to:

- 14 Aggregates Bins
- 10 Cement Silos
- 24 Admixes
- 4 Waters

## Software Compatibility

Every system in the **ProBatch™** family, including the **IntelliSeries™ P1Series™** and **G9Series™**, uses **batchWare™** which is our Windows® based batching software.

With **batchWare™**, choosing the right automation system is simply a matter of matching hardware functionality to the plant. **batchWare™** allows an **IntelliSeries™** system to take advantage of a very large variety of available features and options to meet the needs of the most demanding producer.

## Central Mix Capability

The **ProBatch™ IntelliSeries™** is capable of controlling multiple mixers on a central mix plant with the optional central mix package. Its integrated slump meter (s) keep all controls at the plant operator's finger tips for easy operation.

## Digital Counters

For those plants using metered admixtures and/or metered water for batching, the **IntelliSeries™** panel provides individual displays to show the quantity (in the unit of measure) of the material being dispensed by each device. Whether batching in automatic or manual, each display or "counter boards" provide a full manual backup.

## Serviceability

The **IntelliSeries™** system has been engineered with ease of service in mind should the system require it.

Every effort has been made to ensure that our service technicians can diagnose the problem fast. The **IntelliSeries™** system has three access points allowing internal components to be reached easily even when batching. Each



switch plugs into a socket in a wiring harness allowing it to be replaced in minutes with a new one without any soldering

## Workstation

All **ProBatch™** systems utilises a computer workstation that is specially designed to withstand the harsh environment normally associated with the concrete industry. It has a dust filter that is easily accessible on the front of the enclosure to keep the system clean and four internal fans for maximum cooling. Every system is assembled using the highest quality components from companies like Intel®, 3Com®, Seagate® and Microsoft®. Because we specify every component used in a **ProBatch™** system, we are able to maintain a high level of reliability and standardisation. This allows our service technicians to provide batch plant personnel answers fast, thereby providing better customer service. Specifications for the **ProBatch™** workstation are listed overleaf,.

# ProBatch IntelliSeries™

## MANUAL PANEL



- Heavy duty steel construction with three access points for serviceability.
- High quality custom labelled switches ( available in five colours) form colour coded sections for easy material / function identification.
- Integrated manual panel / component design reduces office space requirements.
- Simple solderless design for easy replacement of damaged components.
- Termalised points for every function in the system.
- Test probe for easy trouble shooting.
- Quick disconnect connectors on all cabling.
- Single selectable admix / water counter for manual operation.
- 110v switch design.

## WORKSTATION

- Heavy duty metal case with 4 cooling fans.
- Dust resistant design with easy to change filter on the front of the case.
- Intel® Pentium® IV Processor or better.
- 256MB RAM
- 30GB 7200 RPM Hard Drive.
- 48xCDROM
- 3.5 Floppy Drive
- Iomega 250 MB Zip Drive for backup / export.
- 64MB AGP Graphics adapter or better.
- High quality sound.
- Optional 10/100 Network interface card.
- Optional 56K Modem.
- High quality 17" Colour Monitor with integral speakers.
- Heavy duty keyboard with protective cover.
- Dust resistant mouse



## SOFTWARE

The ProBatch™ IntelliSeries™ system uses batchware™, the Windows® based batching software, used by all of the ProBatch™ family of concrete automation systems. Please refer to the brochure on batchware™ for further information.

## OPTIONAL ACCESSORIES

Hydronix Hydroprobe II moisture probe



OKI Data 320 Turbo Printer

15" or 17" Flat Panel Display



19" CRT Monitor

Remote Diagnostics with Modem



Network Interface Card

## PHYSICAL SPECIFICATIONS

- Manual Control Panel 625mmW x 315mmH x 565mmD
- Work Station (Tower) 85mmW x 425mmH x 550mmD
- Work Station (Desk Top) 425mmW x 175mmH x 550mmD
- Monitor ( Standard 17") 400mmW x 425mmH x 425mmD
- Power requirements 110VAC or 240VAC  
50Hz or 60Hz
- Operating Temperature 4 - 32°C

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