

NEW PRODUCT
R420-K411 Batching Indicator with Printing

Release Date: 20 October 2006
Software Version: 1.2


Batching Indicator

The R420-K411 indicator leverages the award winning design of the R420 family to provide a powerful and flexible batching controller.

Extensive IO: Up to 32 IO control points can be installed in a system. The outputs are isolated high side (current source) drivers which are capable of driving low voltage actuators directly or can be connected directly with PLC controllers.

The optional M4901 relay module extends the functionality further providing independent normally open and normally closed relay contacts rated for mains voltages

Performance: The overall system accuracy of the R420-K411 allows for unprecedented filling control uncertainty of less than 1 millisecond.

Operator Interface: The multi-line display shows batch progress, current weight, target weights, material name along with dedicated batch status annunciators.

Dedicated batching keys and an intuitive interface make this product ideal as the primary control point for the system.

Benefits:

- Flexible configurable batching using up to 10 stages;
- Fill correction using jogging or in-flight;
- Dump to time or weight;
- Powerful operator interface with dedicated buttons for batching functions and multi-line display showing material, stage and target;
- Programmable printing for customized dockets and reports;
- Material Usage and Batch statistics
- Detailed QA records of every batch run possible when combined with the data logger;
- Supports 4 voltage free external buttons;
- Expandable input/output up to 32;
- Direct connection to PLC systems;
- Batch size can be varied by either weight or proportion;
- Operator set number of batches to run.

Order Codes

Indicator, VDC, Batching, Panel Mount, ABS	R420-K411-A
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Batching Simulator

The batching simulator has been designed to work with the R420-K411 to allow for batching configurations to be simulated off site. It features seven (7) variable speed fill and a dump.


Benefits:

- Ability to simulate a configuration before going to site;

Order Codes

Batching Simulator	0090
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Data Logger

The data logger has 4M of memory and is available as an accessory to store batching statistics. A simple serial connection between the logger and the indicator is all that is needed to store data directly on site. The data can then be easily downloaded to a computer off site at a later date.


Benefits:

- Low cost alternative to a printer or computer on site;
- Simple connection to an indicator;
- No setup required, data stored in text according to indicator print format;
- Can be powered from internal 9V battery or from the indicator power.

Order Codes	
Data Logger 4M	A10017

Software Upgrade

Software kit to upgrade an R420-K401 unit with K411 software, it includes:

- Software and license;
- Manuals;
- Two replacement keypads and labels.

Order Codes	
Upgrade Kit, to K411	K411