

Advanced Induction BR-1 Controller

Enhanced induction controller provides easy retrofit and enhanced features for Nordson advanced induction dryers and sterilizers.

Features and Benefits

- **Fast and easy upgrade** — a direct replacement for the older Mountaingate controller, using existing ribbon cable, door cut-out and mounting.
- **Easier to use and operate** — incorporates improved graphic interface, touchscreen control panel with back-lit display, and easy-to-navigate screens and functions.
- **Password protection** — prevents unauthorized program changes.
- **Quick troubleshooting** — with indicators for all digital I/O displayed on a single screen.
- **Easy maintenance** — dryer and inverter run times are recorded for scheduling preventative maintenance.
- **Manual Mode operation** — for easy determination of Ramp Power Setting and adjustment of fixed power output control at any time.
- **Power Limiting feature** — restricts the minimum and maximum power output levels during all operations, including PID Mode.
- **Automatically detects a faulted thermocouple sensor** — alerts the operator to change to Manual Mode until the failed sensor can be replaced, reducing costly down time.



Designed for use with Nordson induction dryers and sterilizers, the new BR-1 controller incorporates many enhanced technological features over its predecessor – the Mountaingate controller. With a touchscreen control panel, improved graphic interface and easy-to-navigate screens and functions, the BR-1 controller is easier to use and operate.

In addition, the BR-1 provides more reliable operation with enhanced power limiting features and sensor detection. Operators can also easily determine Ramp Power Setting and adjust to fixed power output control at any time.

The BR-1 controller is a direct replacement for the Mountaingate controller currently used with Nordson induction dryer Models ICD, ISC and EST manufactured before April 1, 2010, allowing installation in about an hour.

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Specifications

- Replaces the original Mountaingate (Basicon Style) Controllers with the following part numbers: 381073A, 393590A, 393591A, 393592A
- To be used on Mountaingate CE version Dryers
- Direct Replacement, No additional power requirements
- Mounts to existing door opening, installs within 60 minutes

Container Systems' Best Practices Pledge

At Nordson, our technology, equipment and expertise work together to offer the best solutions to our customers for their applications. This may result in better quality, improved manufacturing efficiency, less downtime, reduced coating material consumption, faster line speeds, or combinations of these and other factors that enable manufacturers to produce a better product at a lower cost. We work with our customers to improve their spray and manufacturing processes overall. It is with this continuous focus on Best Practices, that we partner with customers to find successful solutions for improved quality and productivity.

Nordson Package of Values®

Our exclusive Package of Values backs every Nordson product and system in every region and locale. The Nordson Package of Values includes: production testing, system engineering, installation assistance, customer service and operator training. The combination of these features provides added value that is unmatched in the container manufacturing industry



Old-style Mountaingate Controller



New-style BR-1 Controller

For more information, speak with your Nordson representative or contact your Nordson regional office.

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