

DY2002

USED IN CONJUNCTION WITH YOUR HOT MELT ADHESIVE APPLICATOR, THE DY2002 FROM ITW DYNATEC ACCURATELY CONTROLS GLUE OUTPUT, REDUCING WASTE AND IMPROVING OUTPUT CONSISTENCY.

SIMPLICITY

Easily navigable user interface allows for simple setup and operation.

FLEXIBILITY

Distance-based, time-based and electric valve driver capabilities in a single control package.

PERFORMANCE

Trigger inputs for each channel allows user to accurately control each glue pattern.



DY2002 DISTANCE/TIME-BASED PATTERN CONTROLLER

The pattern controller activates solenoids for up to two applicator heads to create individual adhesive patterns. Each of the two channels can operate in one of several distance or time-based modes: glue beads, dots, continuous gluing, random product length and stitching. The adhesive application can be triggered with a photo eye, proximity switch, or by exceeding a certain machine speed. Replace a 6" continuous adhesive bead with a 6" skip pattern, and you cut adhesive consumption by up to 50%. It's simple, and the savings are certain. The DY2002 also goes the extra mile with a built-in algorithm that always ends an event with glue when using a stitch pattern so the edge is never "skipped".

FEATURES

- Numerous distance modes including standard, dot, random length and continuous with speed.
- Production counters for each trigger input and total job count.
- Capable of up to 80" of pattern length.

TECHNICAL DATA

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	0°C to 50°C (32°F to 122°F)
Number of Channels	2
Number of Programs	12
Number of Events per Program	4
Output Voltage	24VDC nominal
Output Wattage	20 watts per channel
Number of Triggers	2
Trigger Power Supply	24VDC nominal
Trigger Input Signal	NPN/PNP or contact closure
Max. Adjustable Range (Operator selectable)	0–800mm (80") 1mm increments (.01" in increments)
Power Supply	120, 200 or 240VAC 50/60Hz, L1/N/PE
Input Wattage	120watts
Height	30cm (11.82in)
Depth	15.3cm (6.02in)
Width	25.8cm (10.18in)

LOCATIONS

Americas

ITW Dynatec
31 Volunteer Drive
Hendersonville, TN 37075
Phone: +1.615.824.3634
Fax: +1.615.264.5248
info@itwdynatec.com
www.itwdynatec.com

China

ITW Dynatec Suzhou
No.2 Anzhi Street
SIP, Suzhou, 215122, China
Phone +86.512.6289.0620
Fax +86.512.6289.0621
info@itwdynatec.cn
www.itwdynatec.cn

Japan

ITW Dynatec K.K
Flos Kamata
26-11, Nishikamata 7-chome
Ota-ku, Tokyo 144-0051, Japan
Phone: +81.3.5703.5501
Fax: +81.3.5703.5505
info@itwdynatec.co.jp
www.jp.itwdynatec.com

Europe, Middle East and Africa

ITW Dynatec GmbH
Industriestraße 28
40822 Mettmann, Germany
Phone: +49.2104.915.0
Fax: +49.2104.915.111
info@itwdynatec.de
www.itwdynatec.de

