

EC-2R Pattern Controller



FEATURES:

- ◆ Random length control
- ◆ Direct toggle switch adjustments
- ◆ Digital read-out and L.E.D. indicators
- ◆ FPM/MPM read-out (for line speed information)
- ◆ 120 Vac/240 Vac configurable
- ◆ Removable terminal strips
- ◆ AC or DC output modules available
- ◆ See through door panel
- ◆ Hinged inside panel
- ◆ Inputs & outputs optically isolated



The EC-2R Controller is ideal when a single glue event is required on random length products. It allows the user to set a point from the front edge of the target substrate where the glue should start, then set a point from the back edge of the target substrate where the glue should end, and the glue will be placed between these two points regardless of the length of the substrate. This means no set-up for different

length substrates. Once the initial set-up is made for line speed, head compensations and low speed cut-off, patterns are accurately placed regardless of the line speed.

Also available in a combination box with other HAECO controls.



SPECIFICATIONS:

PHYSICAL:

- Enclosure: NEMA/EEMAC Type 12 (Mounting bracket kit included to meet UL/CSA external mounting requirements)
- Dimensions: 250 H x 200 W x 150 D (9.84" x 7.87" x 5.91")
- Mounting: 292 H x 135 W - M6 (10.32" x 5.31") - 1/4 - 20

PERFORMANCE:

- Off values .01-999.9" 0.5mm-9.999m
- Length Resolution:
 - .01" @ 450 fpm (0.5mm @ 270 mpm)
 - .02" @ 900 fpm (1.0mm @ 540 mpm)
 - .05" @ 1500 fpm (2.0mm @ 810 mpm)
 - .10" @ 3000 fpm (3.0mm @ 1080 mpm)
- Accuracy and Repeatability ± 0.5 ms.
- Channel to Channel Timing Accuracy: ± 0.1 ms.
- Operating Temperature: 0-60°C (32-140°F)

ELECTRICAL:

- Trigger Input: (2) 5-24 Vdc, 4-25 mA (Mechanical contact switching not recommended)
- Output: (2) 5-60 Vdc 3 Amp, or 60-240 Vac 5 Amp
- DC Power Supply: 18 Vdc, 250 mA max. (additional 1.8 amp 24 Vdc power supply optional)
- Input Power: 100-120 Vac, 50/60 hz 25 watts nominal (200-240 Vac input capable)
- Line Speed Input: linear 10-300 Vdc @ max. line speed
- Optional UI-1 for encoder input see UI-1 data sheet for encoder specs

ORDERING SPECIFICATIONS:

- AC or DC Output
- With or without keyed lock (additional)
- Optional auxiliary power supply, 1.8 Amp, 24 Vdc (additional)
- For NEMA 4 rating specify solid door
- UI-1 (additional)

WARRANTY: 1 year limited

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