

BF MicroBead™

THE BF MICROBEAD™ ADHESIVE APPLICATOR OFFERS CLEANER CUTOFFS AND SUPERIOR OPERATION OVER A LONGER OPERATING LIFESPAN. ITS AIR OPEN/ AIR CLOSE DESIGN PROVIDES ACCURATE AND UNIFORM ADHESIVE PATTERNS AND BEAD PLACEMENT WHILE THE BUILT-IN FILTER HELPS MAINTAIN A CLEAN NOZZLE ORIFICE.

FLEXIBILITY

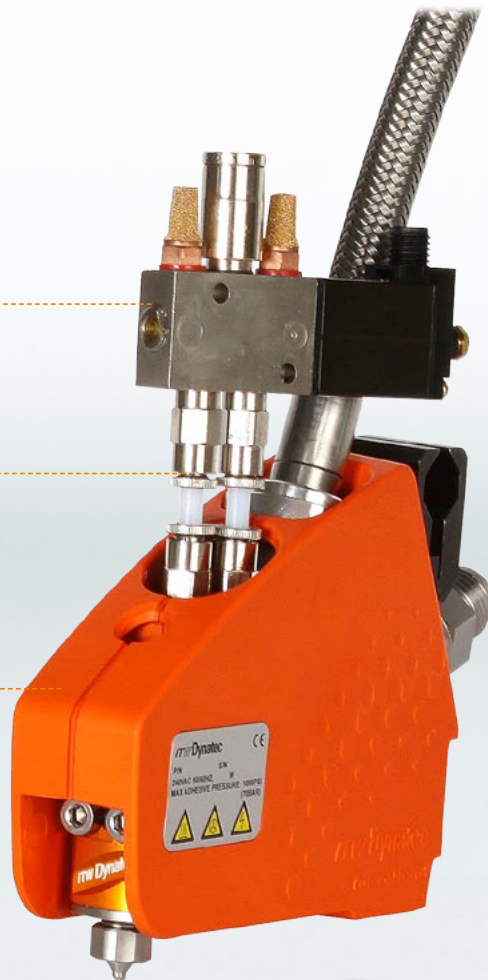
Compact size makes it easy to install into packaging machinery.

SAFETY

Insulated thermoplastic cover increases safety by reducing operator exposure to hot surfaces.

RELIABILITY

Enhanced built-in filter captures debris and reduces downtime due to clogged nozzles.



BF MICROBEAD™ ADHESIVE APPLICATOR

The BF MicroBead™ is available with single-port or dual-port pivoting modules, providing flexibility for set-up and reduction of the number of applicators required. Its smaller, more compact design simplifies installation and maintenance while rapid cycle speeds make it an ideal choice for high-speed applications.

FEATURES

- Integrated needle and self-cleaning nozzle virtually eliminate adhesive stringing (Micro Optima module).
- Dual-port pivoting modules simplify set-up by providing simple adjustment of bead placement.
- Adjustable needle stroke sets adhesive flow for extreme accuracy (Micro Adjustable module).
- On/off cycle speeds of 3.5 milliseconds are ideal for high-speed applications.
- Cover increases safety and promotes energy efficiency.
- Industry exclusive built-in filter captures debris and minimizes nozzle clogging.

TECHNICAL DATA

System	Single Port	Dual Port (Pivot)
Operating temperature range	38° to 218°C (100° to 425°F)	38° to 218°C (100° to 425°F)
Viscosity range	100 to 5,000 mPas/cps	100 to 5,000 mPas/cps
Min. Off cycle time	3.5 ms	3.5 ms
Pneumatic pressure range to solenoid	2.1 to 6.2 bar (30 to 90 psi)	2.1 to 6.2 bar (30 to 90 psi)
Supply voltage setup	120 or 240 VAC	120 or 240 VAC
Adhesive pressure range	0 to 68 bar (0 to 1,000 psi)	0 to 68 bar (0 to 1,000 psi)
Height	129 mm (5 in)	129 mm (5 in)
Depth	109 mm (4.27 in)	110 mm (4.3 in)
Width	26 mm (1.02 in)	44 mm (1.73 in)

LOCATIONS

Americas

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

China

ITW Dynatec Suzhou
Unit 2, B1 Building
No. 9 Weixin Road
SIP, Suzhou, China 215122
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

France

ITW Dynatec Tenplus
ZI Croix de Raville
28500 Chérisy, France
Phone: +33.237.6256.47
Fax: +33.237.6256.40
info@itwdynatec.fr
www.itwdynatec.fr



ISO 9001
REGISTERED FIRM