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Robatech
Glueing Technology

ECXM series Cold glue heads

The application heads of series ECXM are electromagnetically-controlled glue heads for rapid dot or line applications at high machine speeds. They work with adhesive pressures up to 25 bar and viscosities up to 2,500 mPas.



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Design

The ECXM application heads are intended for the application of dispersion-type adhesives. The heads are actuated electromagnetically, i.e. there is no need for an additional pneumatic hose, which facilitates the entire installation. Thanks to their high switching frequency the heads are particularly suitable for precise applications at high speeds, whereby the maximum glue pressure amounts to 25 bar and the viscosity to 2,500 mPas.

Modular structure

The heads of type ECXM are available in different versions:

- with short or long nozzle
- with or without cover slide
- with different nozzle diameters
- with different brackets

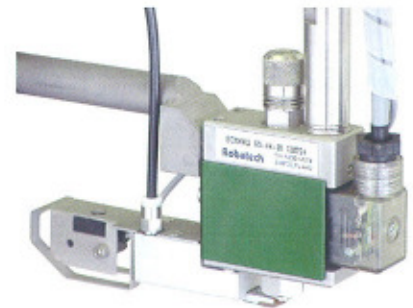
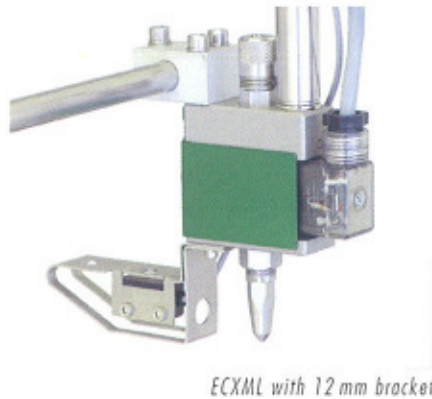
The basic module is the same in all versions. This modularity results in lower costs thanks to interchangeability, convenient operation and maintenance as well as simple conversion or removal.

Easy handling

The ECXM heads are of a slender design and the different brackets permit to accommodate them in any system. Perfect dosing of the applied quantity is possible thanks to the fine adjustment which is part of the standard version of each head.

Accessories

Various accessories and complete coldglue systems are available. Luminescence probes permit to e.g. monitor the glue application. Brackets, pressure hoses, screw fittings, glue and air distributors, etc. are other available accessories.



Technical data

Glue pressure	max. 25 bar
Glue viscosity	max. 2,500 mPas
Max. switching frequency	500 per second
Operating voltage	6 Volt DC
Rated capacity	5 Watt
Nozzle diameters	0.3 / 0.4 / 0.6 / 0.8 mm
Recommended pattern control	Robatech IK 40 or AS 60



ECXMKS: 16 mm bracket and nozzle cover slider

Nozzle cover slider

Robatech AG
Pilatusring 10
CH-5630 Muri / Switzerland
Phone +41 56 675 77 00
Fax +41 56 675 77 01
Email info@robatech.ch
Internet www.robatech.com