

CHRONOS

ELECTRIC APPLICATOR

Dot size from 0,5 to 10 mg

Frequency up to 750 Hz

Designed for high-speed,
ultra-precise applications

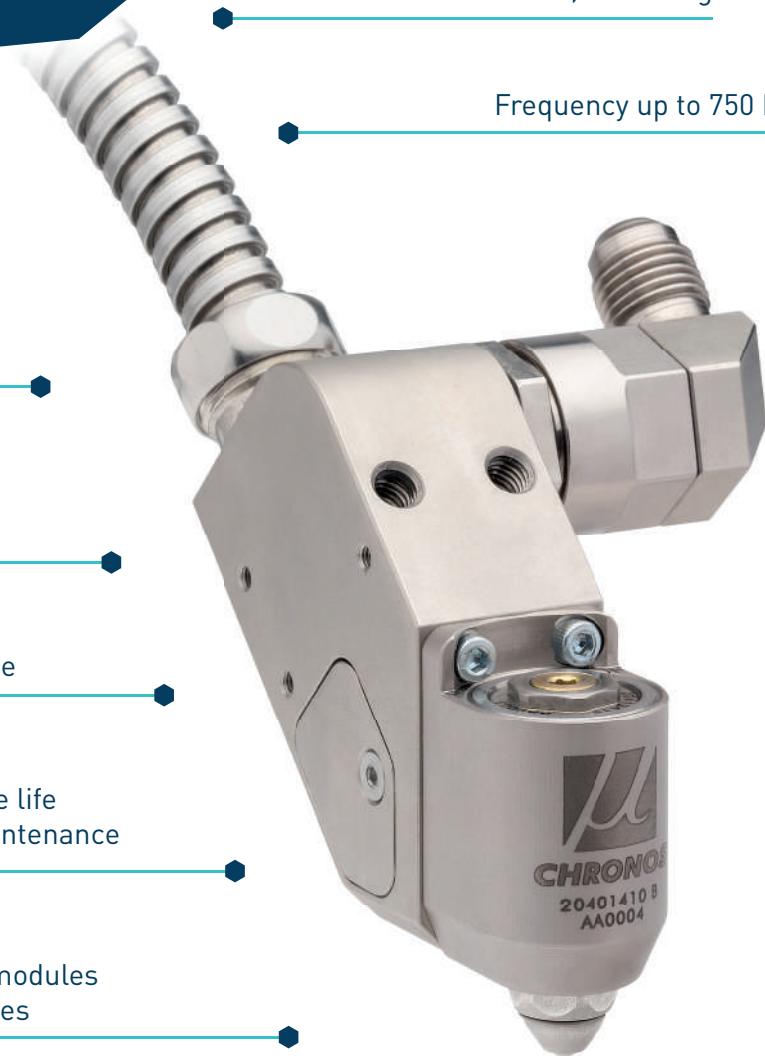
Compact design

Automatic adjustment of
the dot size by PWM control

Easy to configure and use

Long service life
and low maintenance

With magnetic closure modules
or spring closure modules



meler 
GLUING SOLUTIONS

C070-ENG-V1017

APPLICATIONS

Hot melt dot or bead electric applicator for applications in high-speed folding machines, small labels (tobacco, pharmacy, cosmetics), confectionery (sweets and chocolates) or sample packaging systems. Its compact design enables installation even in places where space is limited. The electric modules are of high response speed, resistant to wear and easy to maintain.

FEATURES

- Reduced design.
- Dot size from 0,5 to 10 mg.
- Viscosity up to 5000 mPa.s.
- Working pressure up to 50 bar.
- Designed for high-speed, ultra-precise applications.
- Frequency up to 750 Hz.
- Easy to configure and use.
- Long service life and low maintenance.

CONTROL WITH ELECTRONIC BOARD

The applicator is activated by an electronic control board (XC500), suitable for controlling up to two modules for hot melt. The control board is equipped with a rotary switch that allows you to choose the size of the dot applied (in fixed mode or with use of PWM). It also allows the bead mode (where the output signal follows the input signal applied). For a quick response from the applicator module a 54 VDC power supply must be used.

TECHNICAL DATA

- With magnetic closure modules (for viscosity up to 1500 mPa.s) or spring closure modules (for viscosity up to 5000 mPa.s).
- Minimum input signal: 250 μ s.
- Output signal: 1100 to 2700 μ s (selection of dot without PWM).
- Entry of adhesive on left or right-hand side of the applicator.
- In Pt100 or Ni120 temperature control technology.
- Rotary fitting connected at 90°.
- 100 mesh built-in filter.



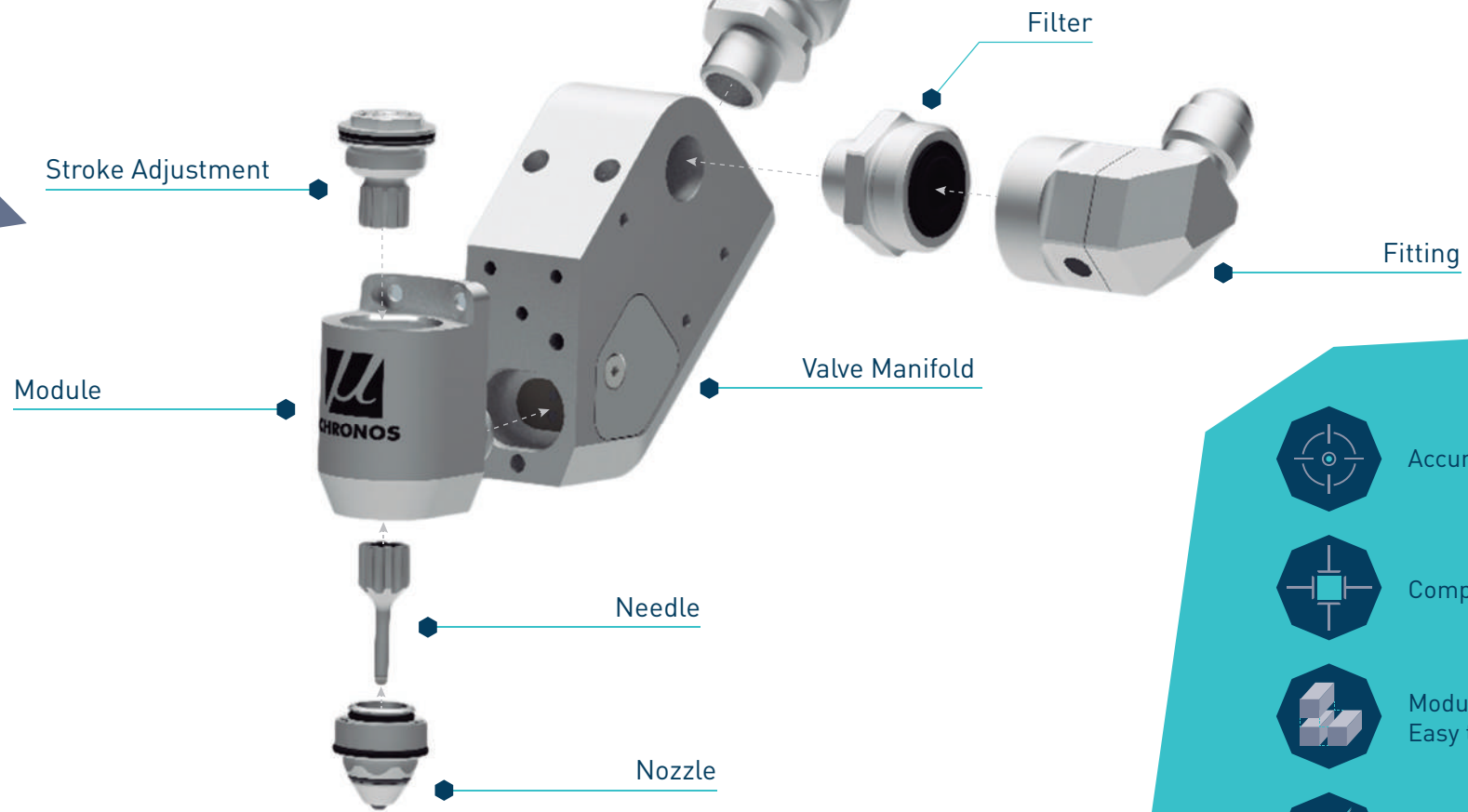
GRAPHIC
ARTS



PACKAGING
AND LABELLING



PARTS OF THE APPLICATOR



Accurate and safe



Compact and reduced design



Modular design:
Easy to install and use



Reliability and speed*

*Tested in machines of very high speed of maximum demand.

TECHNICAL FEATURES		CHRONOS ELECTRIC APPLICATOR	
Working temperature		195°C max.	
Working pressure		50 bar max.	
Viscosity			
Chronos module magnetic version		1500 mPa.s max.	
Chronos module spring version		5000 mPa.s max.	
Operating frequency		~ 750 Hz max.	
Connection cable length		1.25 m max.	
Applicator dimensions*		90° version applicator body	45° version applicator body
Width		61.2 mm	61.2 mm
Height		83 - 88 mm	73 - 78 mm
Depth		66.5 mm	84.4 mm
Maximum tightening torque			
Filter		50 Nm	
Fitting		35 Nm	
Module dimensions			
Width		24 mm	
Height		48 - 50 mm	
Depth		34.4 mm	
Weight		~ 150 g	
Maximum tightening torque			
Fastening screws		1.2 Nm	
Adjustment thread		4 Nm	
Nozzle		4 Nm	

* With filter and 90° fitting mounted.