

GUNS SERIES NEW LIFE

HOT-MELT 1 MODULE GUNS

The NEW LIFE Series guns were designed and built in various configurations (in standard and high-temperature configurations, with one or more modules having different pitches and nozzles, with one or more solenoid valves), so as to satisfy the most diverse application requirements. A broad, full range of models will enable our most demanding customers to find an optimum solution to every gluing problem.

Module



In its standard version, the gun is equipped with the NEW LIFE module. This module determines the precision and reliability with which the adhesive is applied, characteristics that are ensured by the meticulous attention paid in the design and production phases. The main feature of the module is its innovative internal interchangeable cartridge gasket system, which ensures a perfect seal against high pressures and temperatures, and minimal, economic, simple and lasting maintenance.

Nozzle



The gun comes with Zero Cavity stainless steel nozzles. The nozzles are available with a minimum diameter of 0.25 mm to a maximum of 1.2 mm. Their name Zero Cavity derives from the fact that the shutter closes the nozzle hole completely, breaking up any impurities and ensuring that the nozzle is kept perfectly clean and, as a result, that the system works properly. The vast range of nozzles comprises several configurations and special designs tailored to satisfy the Customers' needs. Preo nozzles stand out from their competitors due to their three main technical characteristics, which may be summarized as follows: the sturdiness of the materials used in their production, which ensures an extremely high wear resistance and breaking strength. Their excellent heat conductivity, which is much higher than the traditional steel with the advantage of heat transmission at a speed of at least 8 times the normal one. The third characteristic is its design in which its multi-way nozzles ensure a spraying reliability comparable to the traditional Zero Cavity nozzle.

Solenoid Valve



A wide range of solenoid valves is available according to the applications required. Preo has developed a new solenoid valve among the best available on the market. This valve is the best solution for all applications that require low energy consumption, a high application speed, compact size and low weight.

Electrical connections

The electrical kit is easy, quick, and safe to extract.

Gun body

The material used to make the gun casing is "Ergal", which significantly improves performance in terms of mechanical stress resistance. A hard oxide coating makes cleaning and maintaining the gun quicker and simpler.

Heating

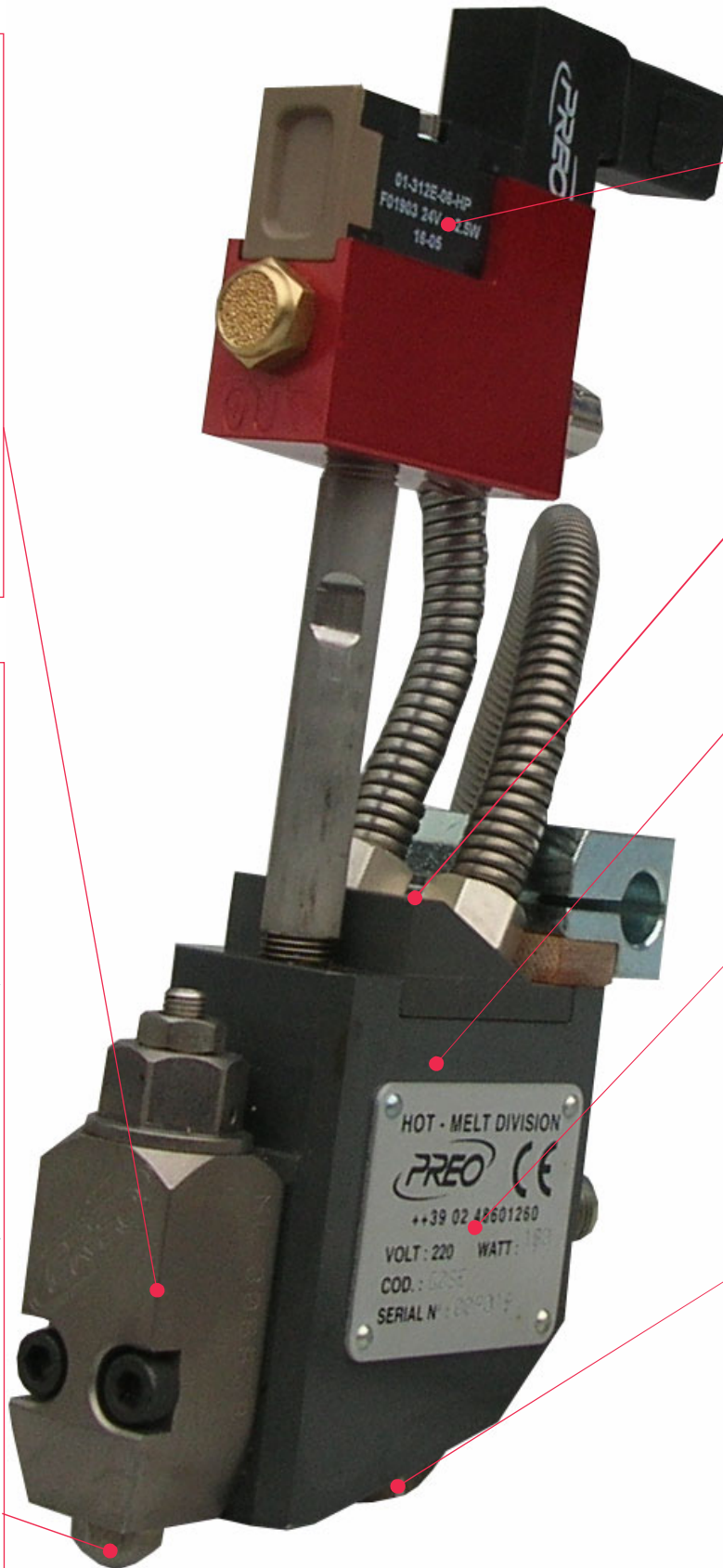


Heating is provided by high-reliability heating elements controlled by high-precision sensors.

Glue filter



Built into the gun casing, easily accessible, quick to change and remove without removing the tube, it ensures a more uniform distribution of the glue while spraying, thus stopping the nozzles from clogging up with the impurities present in the adhesive itself and increasing the already high reliability of the gun.

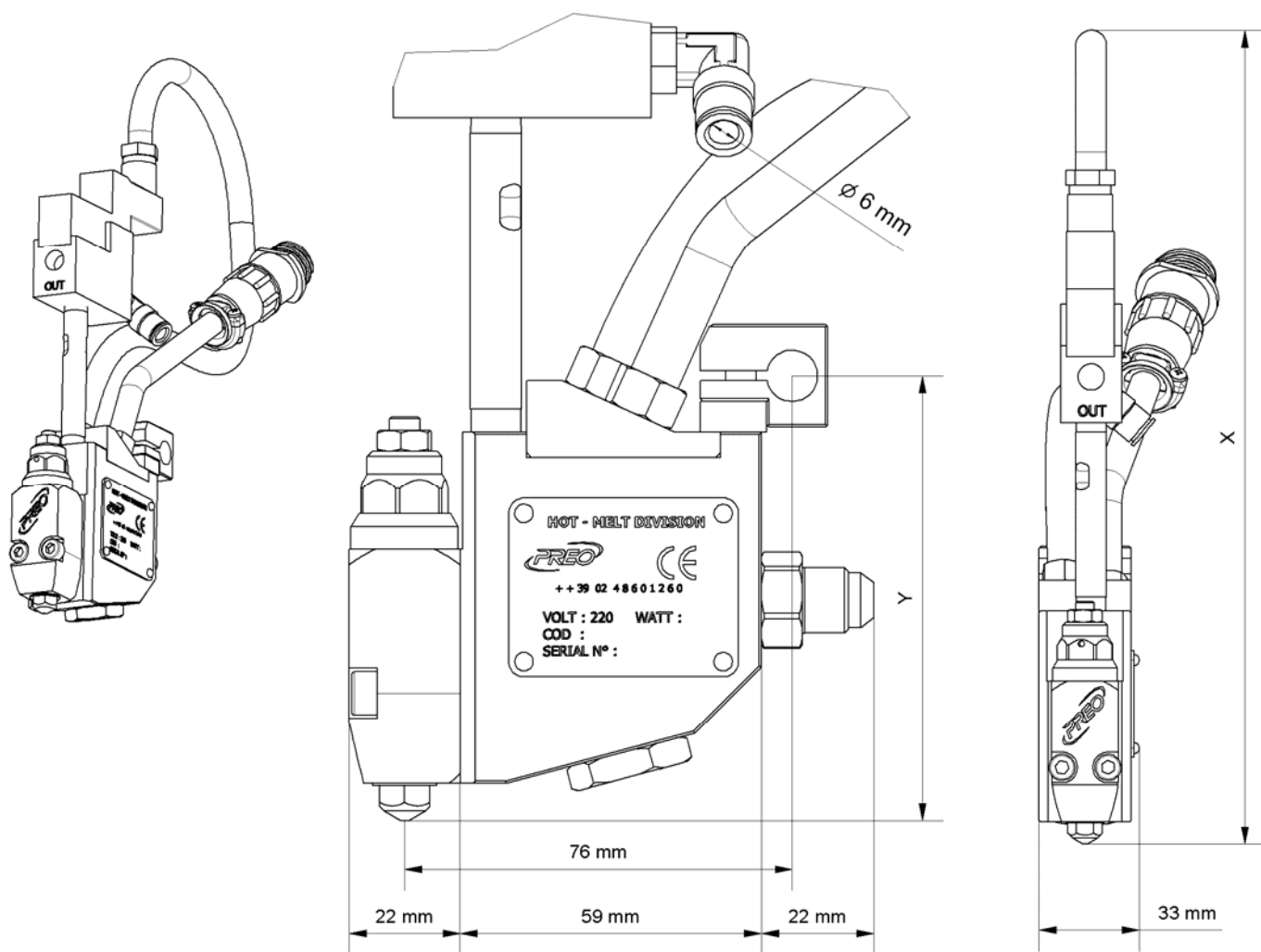


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DATA SHEET



GENERAL SPECIFICATIONS

VERSION	GOSEA01 KV	GOSEA01 LV	GOSEA01 NDS	GOSEA01 MVN	GOSEA01 XLV
DIMENSIONS (X)	280 mm	297 mm	294 mm	293 mm	345 mm
DIMENSIONS (Y)	87 mm	104 mm	97 mm	100 mm	152 mm
WEIGHT	900 gr	900 gr	900 gr	900 gr	1000 gr
FASTENING	hole Ø mm 10 - 12 - 12,7 - 14				
ADHESIVE TYPOLOGY AND VISCOSITY	Hot Melt up to 100.000 mPas				
OPERATING TEMPERATURE RANGE	50°C + 210°C (HT 250°C version on request)				
ACCURACY	± 1°C				
TEMPERATURE CONTROL METHOD	cartridge heater element				
NOZZLES	1 - 2 - 3 - 4 ways with minimum Ø 0,25 mm				

ELECTRICAL SPECIFICATIONS

VOLTAGE	220 VAC ≈ 50 Hz single phase
MAXIMUM SYSTEM POWER CAPACITY	180 Watt - 0,8 A

PNEUMATIC SPECIFICATIONS

MAXIMUM CYCLE RATE	6000 cycles / minute
AIR PRESSURE RANGE	6 Bar
ELECTROVALVE WATTAGE	2,5 - 17,1 W
ELECTROVALVE VOLTAGE	24 V (special voltages on request)
MAXIMUM WORKING PRESSURE	55 Bar

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