



INSTANTANEOUS
ON-DEMAND
HOT-MELT
MELTER

MICRON MOD WITH GEAR PUMP

Especially designed to keep the adhesive **in perfect condition**, without charring.



MELT-ON-DEMAND

MICRON MOD with gear pump is a robust, versatile unit especially designed to **preserve the quality of the adhesive** in low and medium consumption applications.

ENERGY EFFICIENCY

Because it uses **Melt on Demand** technology, it only melts the necessary amount of adhesive, when required, quickly, safely and efficiently; this means that **the adhesive always remains in perfect condition**, preventing charring and, therefore, clogging of the nozzles, so frequent cleaning of the melting system is not required.

The melting system in the units is heated in a compact block to make maximum use of the electrical energy. Moreover, they are fully insulated to prevent heat loss to the exterior and to the other components of the unit.

Its Melt on Demand technology and use of electrical energy results in significant cost savings.

ALSO FOR POLYAMIDE-BASED ADHESIVES

This equipment is prepared to respond to applications that require the use of "difficult" adhesives such as **polyamide-based** ones, which require greater care in their treatment.

The automatic adhesive charging system supplies adhesive to the unit, according to the application requirements, so only the adhesive that needs to be consumed is melted.

EASY TO USE

Simple and intuitive control panel design, with pumping and charging controls built in the front panel, which simplify the operator's day-to-day tasks. In addition, it has a smart stand-by mode, which reduces the temperature of the equipment while the system is not working.

Its innovative design allows its easy integration in any installation.

MAXIMUM USER SAFETY

Designed to guarantee the safety of the user. It keeps the casings cold and has a bypass valve that limits the pressure generated in the circuit when the pump is running with the hydraulic circuit closed.



TECHNICAL FEATURES

Melting capacity[*]:	15,5 kg/h
Pumping capacity[*]:	1, 2.5, 4, 8 cc/rev Single pump 2x0.93, 2x1.86, 2x3.71, 2x4.8 cc/rev Dual pump
No. of outputs:	2 or 4
Temperature range:	40 to 200° (en option: 230°)
Temperature control:	RTD ± 0,5°C (± 1°F)
Maximum working pressure (6 bar):	80 bar (1160 psi)
Maximum installed power (230 VAC):	Single pump/ 2 outputs: 1 x 6.0KW/ 3 x 2.6KW Single pump/ 4 outputs: 1 x 8.4KW/ 3 x 3.8KW Dual pump/ 2 outputs: 1 x 6.3KW/ 3 x 2.9KW Dual pump/ 4 outputs: 1 x 8.7KW/ 3 x 4.1KW
External functions:	Temperature outputs OK, Standby activation, External output inhibition control, Pump motor on/off input (pump activation signal), Speed control input, Pump control card error output
Electrical requirements:	1 ~ N/PE 400/230V 50/60 Hz or 3 ~ N/PE 400/230V 50/60 Hz
Dimensions (L x H x W):	784 x 376 x 725 mm

*According to the type of adhesive.

ADVANTAGES

ENERGY AND MELTING EFFICIENCY

PRESERVES THE ADHESIVE

"COOL TOUCH" EXTERNAL CASINGS

QUICK AND EASY TO CLEAN

QUICK AND EASY ACCESS TO THE INSIDE OF THE EQUIPMENT

EASY TO USE

INTUITIVE CONTROL PANEL

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