PUR-adhesive applicator   FlexControl

Adhesive application system with new, innovative "FlexControl control" for gentle processing of moisture-curing hot-melt adhesives in 2kg cartridge containers

Efficient and easy-to-maintain melter for gentle processing and dosing of moisture-crosslinking hot melts with extended tank height to accommodate two 2kg candles; equipped with reservoir for uninterrupted operation during the refilling process as well as integrated air dryer protective fumigation as standard. The complete FlexControl basic equipment includes weekly timer, operating hours and switching cycle counter as well as the recipe menu. The user administration is password-protected.

FlexControl start screen - Touch panel Operating unit

Clear menu level for all higher-level parameters, timer, process data, service and much more

"Dosing meter" menu - automatic speed control according to quantity specification in g/m² or g/lfdm

Integrated air dryer protective gassing

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Delivery and services are effected in accordance with the current terms of business of the SM Klebetechnik Vertriebs GmbH.

Standard equipment

FlexControl - new and innovative microprocessor control unit of SM Klebetechnik

Dosing meter - automatic speed control - quantity specification g/m² g/lfdm.

Pressure sensor with PL "c" instead of bypass - unique for this device category!

Colour display and touch panel control unit - intuitive system operation
Weekly timer, operating hour counter, recipe menu, user + password

Remote control via tablet or smartphone

Software update via USB interface/storage of recipes on a USB stick

Compressed air dryer for cost-efficient tank gassing

Temperature setback can be activated automatically or manually

Precision gear pump for volumetric delivery

PID temperature controller with self-tuning for sensor PT100, Ni120, NTC

Non-stick coating of the melting tank and tank lid (airtight sealable)

Filter block made of high-strength aluminium, large tank filter with high durability

Automatic start-up protection of the pump / maintenance-free three-phase drive

Optional equipment

Individual system configuration possible:

Pneumatic bypass for reproducible control of the adhesive pressure

Compatible connection with systems from other manufacturers available

Multiple pump system with different pump sizes available

Electronic pressure control (special bypass-free design)

Automatically activatable temperature lowering device

Process data logging

Flow rate measurement and/or medium temperature measurement

Level detection with signal light for visual level indication

Technical data

Heating:	Electric
Heating capacity:	2,25 kW
Melting capacity:	4 kg/h (depending to media in use)
Voltage:	3/N/PE 400 V AC, 50 Hz
Pump system:	Gear pump
Pump rate:	10 kg/h – 80 kg/h
Pump drive:	3-phase brush-less AC motor
Drive power:	250 W
Speed control:	Frequency converter
Hose connection:	1 - 4
Dimensions L, B, H:	750 x 350 x 710 mm