PUR/POR-applicator GR21 FlexControl

Adhesive application system with new, innovative "FlexControl control" for gentle processing of moisture curing hot melt adhesives in 18 kg cartridge containers

Efficient and maintenance-friendly GR21 melter for gentle processing and dosing of moisture-curing hot melts; with reservoir for uninterrupted operation during the refilling process. The complete FlexControl basic equipment includes a weekly timer, operating hours and switching cycle counter as well as the recipe menu.

SM Klebetechnik
adhesive dispensing systems

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FlexControl start screen - Touch panel operating unit

Menu level for all higher-level parameters

Maintenance-friendly design with hinged melting funnel

GR22 tank melter with a 20 litre volume and FlexControl unit

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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
- 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
- Level detection with signal light for visual level indication

Technical data

Tank volume:	for 18-20 kg cartridge containers
Heating Power:	4,5 kW
Melt rate:	5 kg/h
Voltage:	3/N/PE 400 V AC 50 Hz
Pump:	1 - 2 Gear pumps
Pump rate:	10 kg/h – 80 kg/h
Pump drive:	3-phase brush-less AC motor
Drive power:	750 W
Speed control:	Frequency converter
Hose connection:	1 - 4
Dimensions L, W, H [mm]:	955 x 695 x 1352

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