



PUR/POR - Slug-Melter 2kg GW02

Melting system for gentle melt-on-demand processing of moisture-curing hotmelt adhesives in 2kg candle shape wrapped in foil-bags, in a bypass- and pump-less design.



Maintenance friendly and pneumatic driven slug-melter (melting press) in bypass-free, filter- and pump-less design without dead spaces, for gentle and on-demand pre-melting, re-filling or dosing of moisture curing hotmelt adhesives in 2 kg candle packaging. Preferred use for filling roller-reservoirs for spine-gluing in bookbinding machines, edge-banding machine in furniture industries, or for feeding volumetric gear-heads in automotive applications.



Ready-to-operate melting unit with closed lid



Open lid with swivelled out pressing cylinder for refill



Piston position transmitter and pneumatic control valve at high volume cylinder drive



Customs design engineered system with remote plc - control cabinet and touchpanel operator interface

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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

- Compact design and construction
- FlexControl - new and innovative microprocessor control unit of SM Klebetechnik
- Operator accessible temperature stand-by feature
- High quality electrical and pneumatic components (Siemens, Möller, Weidmueller)
- Replaceable melting tank heater
- Anti-stick coating at melting plate hopper
- Consistent avoidance of dead space due to bypass-less design
- Low maintenance process in filling-operation due to filter-less concept
- Best operating cost efficiency due to elimination of inert gas system
- Hotmelt adhesive pressure is equal to air pressure
- Direct hose connection to be used in pre-melter operation for reservoir refilling
- Safety lock for temperature start-up
- CE - compliant design and marking

Optional equipment

- Possible engineered system design
- Separately remoted control cabinet
- PLC Siemens S7/1200 with Profinet and touch panel operator interface
- Integrated controls for adaptable servo-pump gun-system
- Signal light beacon as filling level indicator
- Automated temperature stand-by feature activation
- Strip-down version for direct machine integration without control cabinet
- Anti-stick coated adhesive outlet port ramp for direct filling of reservoirs
- Proximity sensing of external reservoirs for level controlling
- UL - version for US - markets

Technical data

Heating:	electrical
Wattage:	1,25 kW
Melt capacity:	max. 2,5 kg/h (depending to media in use)
Voltage:	L/N/PE 230 V AC, 50 Hz
Pump:	without
Supply rate:	max. 1 kg/h (depending to media in use)
Glue pressure:	0,5 - 8 bar
Max. pneumatic pressure:	8 bar
Temperature sensor:	Pt100 (Ni120, NTC, Fe-CiNi)
Hose connections:	1 - 2
Dimensions L, W, H [mm]:	726 x 320 x 782