B4 Non Stop

MELER



- For small consumptions and discontinue production cycles.
- Easy electronic control.
- Available for Pt100 or Ni120.
- Full motor control.

Meler B4 Non Stop adhesive melters work mainly with moisture cure reactive polyurethane (PUR) hot melt adhesives in two-kilogram foil-encased blocks with maximum diameter 128 mm (5 in).

The B4's user-friendly design provides secure, precise and easy operation. It also offers simple maintenance, easy of cleaning and reduced adhesive waste.

The concept 'melt on demand' allows discontinued production cycles. After a partial consumption of the adhesive block you can stop and restart the production after some hours or days*. The Meler B4 Non Stop melts only the necessary adhesive for the application, and protects the rest of the block from the heat. No extra dry air or nitrogen supply is necessary due to the airtight cylinder pressing system and due to the remaining protection bag of the adhesive. The pressure and melting system allows the entire use of the adhesive block, avoiding any waste of PUR adhesive.

ELECTRONIC CONTROL UNIT

The B4 Non Stop electronics controls accurately the temperatures in a range from 40 to 160 °C (104 to 320 °F) and the motor/pump speed to adapt the adhesive flow rate manually or automatically to the conditions of the application.

MAIN USE

Meler B4 Non Stop is used for manual and automatic applications with low glue consumption such as Clear Box Gluing in Graphic Arts Industry, product assembly applications in the Automotive Industry and Wood Working Applications such as Edge-Banding, etc.

* For detailed operation instructions see user manual.

B4 Non Stop

MELER

DIMENSIONS
(mm / in)



TECHNICAL CHARACTERISTICS

Tank capacity	For blocks with a diameter of 128 mm (5 in)
Tank reservoir capacity	450 cc
Maximum pumping rate *	12 L/h (3.2 gal/h) pump 22 cc/rev (at 100 rpm)
Maximum melting rate *	5 kg/h (11 lb/h)
Number of outputs	2
Pump speed	0 - 100 rpm (recommended 10 to 80 rpm)
Temperature range	40 to 160 °C (104 to 320 °F)
Temperature control	RTD ±0.5 °C (±1 °F)
Maximum working pressure	80 bar (1160 psi)
Maximum installation power (at 230 VAC)	3,680 W (16 A)
Electrical requirements	LN ~ 230 VAC 50/60 Hz + PE
Hydraulic connections	9/16 18 UNF
External functions	• Temperature OK • External standby activation • Starting up the motor • Motor speed set point reference • Failures output in pump control card
Dimensions (L x W x H)	600 x 320 x 840 mm (23.6 x 12.6 x 33 in)
Weight	60 kg (132 lb)

OPTIONS

- Low level sensor with tower light shows when the block has been finished.
- It is possible to use manual applicator trigger connection to start-stop the pump motor assembly.

(*) Depending on the type of adhesive.

C 041 - ENG - V0126 - FOCKE MELER reserves the right to modify the contents of this catalogue without notice.