

ISOMELT PLUS SERIES

Melt On Demand PUR Adhesive Melters

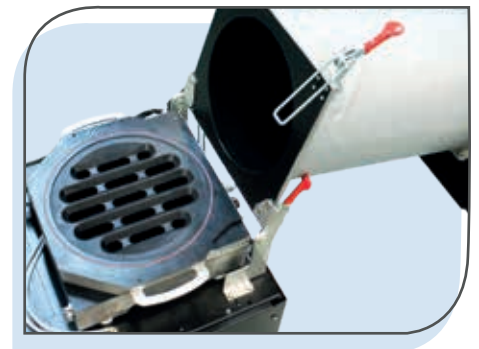
Valco Melton's IsoMelt Plus Melters have been redesigned to better adapt to the changing needs of the industry. A new touch-screen control panel guarantees a smooth communication with the parent machine, for a seamless in-line integration. The combination of a new melting grid design and a larger reservoir tank results in a more efficient melting process.



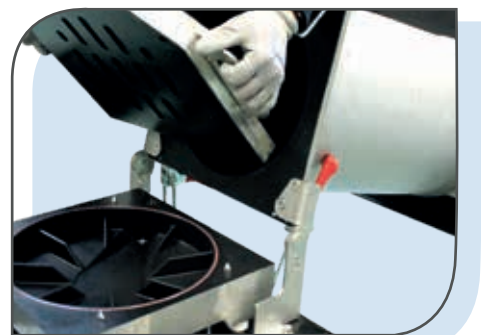
- **Melt on demand technology.** Ideally suited to work with reactive adhesives, as it eliminates degradation problems by ensuring only the necessary amount of adhesive is melted every time.
- **No need to manipulate PUR.** Forget unwrapping, the adhesive goes directly to the melting tank.
- **Hermetic sealing.** When the cylinder presses the adhesive slug, the wrapping foil makes the tank hermetic, maintaining PUR properties without the need of using inert gas.



All units feature a touch-screen control panel with Ethernet IP and Modbus TCP communication protocols as a standard. Multiple configuration and customization options are available for our users to adapt to their working requirements.



Tilttable tank and removable melting grid for faster and safer maintenance and cleaning operations.



The reservoir tank eliminates production stops, even during PUR slug changes. New grid design with cast-in heaters for a more efficient melting process.



- Place the PUR slug directly into the tank - no need to unwrap the foil that covers the slug.
- Total safety and easier maintenance. The tank stays cold during the melting process so the PUR slug will stay solid except for the side in direct contact with the melting grid. This keeps the melted adhesive at a low level and ensures that the PUR slug will not degrade.



Ideally suited for PUR application processes:

A correct cut on the bottom of the foil that covers the PUR slug guarantees an hermetic tank sealing without using inert gas.

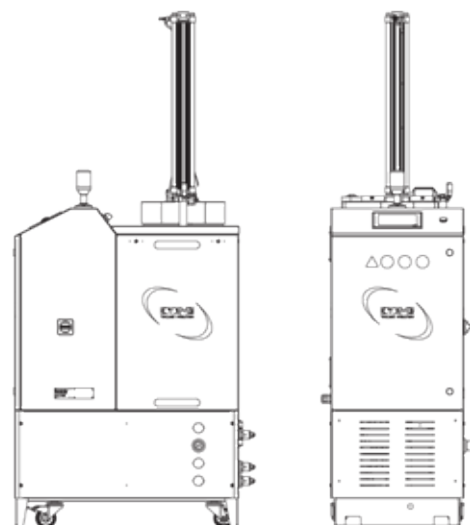
Technical Specifications

Isomelt Plus	
PUR Slug Size	20,0 Kg
Max.Melting Rate	28 Kg/h (*)
Reservoir Tank Capacity	3.7 L
Max. Pump Rate per Pump	48 Kg/h
Max. Number of Pumps	2
Max. Working Temperature	240°C
Max. Viscosity	50.000 cps
Max. Working Pressure	80 bar
Electrical Consumption	7600 W single pump unit / 8700 W double pump unit
Tank Dimensions	281 mm inner ø x 600 mm length
Protection	IP54

(*) Melt rate may vary depending on specific adhesive type

Dimensions (mm)	
A	1416
B	2044
C	951
D	610

4 Output Electronic Board		
Max. Channel Power	Channel 1 & 2	Channel 3 & 4
Per exit (hose and gun)	1900 W	
Per Channels (hose and gun)	1800 W	1400 W



For more information, visit valcomelton.com or contact your local representative

World Headquarters: Cincinnati, OH, USA • Tel: +1 513 874 6550

Europe Headquarters: Orkoien, Spain • Tel: +34 948 321 580

