

PRODUCT DATA SHEET

POU 1000

Point of use (POU) temperature control systems can reduce energy consumption by up to 90 % compared to compressor-based systems. Minimal space requirements with the option of underfloor installation at the point of use minimizes cleanroom use. Quick and precise temperature control of the process temperature profiles to ± 0.1 K improves wafer-to-wafer homogeneity.



Working temperature min.
-20 °C



Working temperature max.
90 °C

Technical Attributes	POU 1000
Working temperature min.	-20 °C
Working temperature max.	90 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.1 $\pm$ K
Application	external
Cooling output at 20 °C	1.20 kW
Cooling output at 10 °C	0.90 kW
Cooling output at 0 °C	0.60 kW
Cooling output at -10 °C	0.35 kW
Cooling output at -20 °C	0.08 kW
Pump pressure max.	2.8 bar
Pump flow max. (pressure)	22 L/min
Filling volume max.	1.00 L
Dimensions (WxDxH) in mm	116x232x500

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Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Technical Attributes	POU 1000
Pump connection thread	1/2"

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