

Intra-Cooler with air-cooled refrigerating unit for Mettler-Toledo DSC (Differential Scanning Calorimeter). Stainless steel housing with handle (front) and rollers (back), condensing probe of stainless steel, flexible cooling connection line in special single-tube construction and insulated protective hose. The refrigeration unit works continuously.

Note:

This unit contains natural refrigerants and is therefore not suitable for air freight (alternative available on request).

Technical data according to DIN 12876

Operating temperature range	-100...200 °C
Safety classification	Class I / NFL
Refrigeration machine	air-cooled, CFC- and HCFC-free
Refrigerant (ASHRAE, GHS)	R1270 (A3, H220)
Refrigerant quantity	0,114 kg
Refrigerant 2nd stage (ASHRAE, GHS)	R1150 (A3, H220)
Refrigerant quantity 2nd stage	0,056 kg
Gas warning sensor	without
Nominal diameter probe	77 mm
Hight of probe	33,1 mm
Length flexible connection	2000 mm
Overall dimensions WxDxH **	295x500x570 mm
Net weight	61 kg
sound pressure level +/- 4 dB(A)	55 dB(A)
Power supply requirement	230V 1~ 50/60Hz
max. current	6,5 A
min. Fuse	10A
max. Fuse	16A
min. ambient temperature	5 °C
max. ambient temperature	40 °C



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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.

Output data valid for: Room temperature 20°C. If the ambient temperature rises, the cooling capacity may drop.

in accordance with EN60034-1 the following voltage and frequency tolerances are valid:

Voltage + / - 5% with a simultaneous frequency tolerance of + / - 2%

Example -5% voltage and + 2% frequency -> not allowed!

-5% voltage and - 2% frequency -> allowed

Information to Electromagnetic compatibility:

Classification (disturbance) to EN55011: Class A, Group 1

Standard delivery conditions - Power cable configuration:

1. Single-phase devices (230V/115V) -> with cable and plug
2. Three-phase devices with current consumption less than 63A -> with cable, without plug
3. Three-phase devices with current consumption greater than 63A -> without cable, without plug

This equipment is compliant to US-SNAP and all applicable EU laws. The US-SNAP end-use for this equipment is the industrial process refrigeration. Certification by a Notified Body upon request.

** Please respect space requirements. See operating conditions at www.huber-online.com