

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.

**Technical data according to DIN 12876**

|                                     |                                |
|-------------------------------------|--------------------------------|
| Operating temperature range         | -100...200 °C                  |
| Safety classification               | I / NFL                        |
| Refrigeration machine               | air-cooled, CFC- and HCFC-free |
| Refrigerant (ASHRAE, GHS)           | R452A (A1, H280)               |
| Refrigerant quantity                | 0,26 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            | 220-240V 1~/2~ 50/60Hz         |
| max. current                        | 7 A                            |
| min. Fuse                           | 10A                            |
| max. Fuse                           | 16A                            |
| min. ambient temperature            | 5 °C                           |
| max. ambient temperature            | 40 °C                          |

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**from Serial-No.: 416255 1.1/21**

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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 / two-phase devices (100V to 240V) --> with power cable and country-specific plug (please specify when ordering)

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](http://www.huber-online.com)