

Hei-VAP Expert Control Standard

Technical datasheet



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| Dimensions (W × H × D) | Variant with motor driven lift & glassware G3: 739 × 887 × 477 mm; Variant with manual lift & glassware G3: 739 × 887 × 532 mm |
| Weight | approx. 15 kg, without glassware |
| Drive | EC motor |
| Speed range | 10 – 280 rpm |
| Heating power | 1300 W |
| Acoustic pressure | < 85 (dB(A)) (in accordance with IEC 61010) |
| Rated voltage | 230 V (50/60 Hz) or 115 V (50/60 Hz) |
| Connection | L+N+PE |
| Protection class | Device IP20; Control panel IP42; Control-Box IP42; Connection cable heating bath IP67; I (IEC 61140) |
| Overvoltage category | II |
| Degree of pollution | 2 |
| Power input | 1,400 W max. |
| Operating temperature | 5 °C – 31 °C at up to 80 % rel. humidity 32 °C – 40 °C at up to 50 % rel. humidity (linearly reducing) |
| Installation altitude | up to 2,000 m asl |
| Stroke flask lift | 155 mm |
| Lifting speed flask lift | 55 mm/s |
| Evaporation rates (L/h) ΔT^* 40 °C (for continuous operation) | Toluene 8,5 Acetone 5,8 Ethanol 3,5 Water 1,2 |
| Maximum cooling surface | 0.22 m ² (depending on glass set) |

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| Heating bath | Inner Ø: 253 mm, outer Ø: 291 mm Material: V4A steel (1.4404) X2CrNiMo 17-12-2 Volume: 6 l |
| Temperature range heating bath | 20 – 100 C° H2O / 20 – 210 C° oil |
| Overtemperature protection | Cut-off at 5 °C deviation from the set temperature |
| Overheat protection | Threshold value 250 °C |
| Control | electronic |
| Control accuracy | ±1 °C |
| Storage conditions (recommendation) | 5 °C – 31 °C at up to 80 % rel. humidity 32 °C – 40 °C at up to 50 % rel. humidity (linearly reducing) |