

Data Sheet

Heating/Tempering / Heating Baths



HBR 4 digital Heating bath

- The digital heating bath is characterized by the following features:
- Cylindrical bath shape
 - High-grade recyclable materials
 - The heating elements are situated underneath the bath vessel
 - Either low viscosity oil or water can be used as the heat transfer fluid
 - Useful volume of 4 liters
 - Heat output 1,000 W
 - Adjustable safety temperature limiter acc. to DIN 12876
 - The safety elements are checked when the unit is switched on
 - Double jacket and carrying handles provide protection against burns
 - Digital display presents rated, actual and safety temperature as well as speed
 - Fuzzy logic control
 - Integrated magnetic stirring drive to circulate the tempering fluid, which contributes to improved heat distribution

Accessories: IKAFLON® 30 Magnetic stirring bar, H 159 Intermediate bottom, H 11 Mains cable UK plug, H 11 Mains cable CH plug, H 11 Mains cable Euro plug, H 11 Mains cable USA plug, H 240 Ring set

Technical Data	
Heat output [W]	1000
Heating temperature range [°C]	room temp. - 200
Heat control	stepless
Controller oscillation (3 l water / 90 °C) [±K]	1
Controller oscillation (3l Silicone oil / 50mPas / 150°C) [±K]	2
Speed display	LCD
Speed control	stepless
Speed range [rpm]	150 - 800
Motor rating input [W]	5
Motor rating output [W]	1
Bath volume max. [l]	4
Filling point min. [mm]	20
Material in contact with medium	stainless steel 1.4301
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	210
Safety class DIN 12877	II
Outer diameter [mm]	250
Inner diameter [mm]	200
Outer height [mm]	250
Inner height [mm]	160
Dimensions (W x H x D) [mm]	340 x 250 x 340
Weight [kg]	4.4
Permissible ambient temperature max. [°C]	40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	1020
Ident. No.	2602300



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.