HBR 4 control

The heating bath is noted for:
- Cylindrical bath shape
- Heating elements integrated into the bath base
- Heat transfer media can be low-viscous oil (50 mPas) or water (H2O)
- Useful volume: approx. 4 l
- Heat output: 1000 W
- Two carry handles
- Infinitely variable safety temperature limiter according to DIN 12877
- Double-jacketed mantle protection against burns -
- Digital display for target, actual and safety temperatures as well as speed
- Integrated magnetic stirrer drive to circulate the tempering fluid, allowing for better heat distribution in the bath
- RS 232 interface

The heating bath is delivered with an external temperature sensor PT 1000.60

Accessories: H 11 Mains cable Euro plug, H 11 Mains cable CH plug, H 159 Intermediate bottom, H 11 Mains cable UK plug, H 240 Ring set, H 11 Mains cable USA plug

Technical Data	
Heat output [W]	1000
Heating temperature range [°C]	Room temp. - 200
Heat control	stepless
Set temperature resolution [±K]	1
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
Filling 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 humidity [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	yes
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	1020
Ident. No.	**0020003549**