

REACTION BLOCKS

Economical Multi-Well Stirrer and Heating Block

Application:

Suitable for parallel synthesis of organic compounds, denaturations, derivatisations, combinatorial chemistry, sample concentrations, enzyme assays and process optimization.

STIRRING + HEATING + COOLING



Especially for combinatorial chemistry

Standard block for 12 x 25mm tubes (adapter available for 10 or 16mm tubes)

CUSTOMER MADE BLOCKS AVAILABLE TO SPECIAL ORDER

Dimensions and specifications are subject to change without notice for further improvements on design.
Dimensions may vary dependent on different accessories be used.

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Thermoleader Heating, Stirring and Cooling Reaction Block

The Thermoleader Reaction Block is an economical multi-well magnetic stirrer and heating block available with or without cooling. It is suitable for parallel synthesis of organic compounds, denaturations, derivatisations, combinatorial chemistry, sample concentrations, enzyme assays and process optimisation.

Two models are available: the standard stirring and heating model with a temperature range of 5°C above ambient to 200°C; and the stirring, heating and cooling model which is supplied with a UNITHERM 4/14 water chiller and has a temperature range to +4°C.

Both models are supplied with a standard block for 12x25mm diameter tubes and adaptors are available for 10 and 16mm tubes (customer made blocks available). Each well contains a powerful magnetic stirrer.

Specification	
Standard block capacity We can offer other hole size in ref. of customer made block available to special order.	12 tubes
Stirring speed	200-3500rpm
Temperature range	5°C above ambient to 200°C
Temperature range with water chiller	4°C to 200°C
Temperature stability	±0.2°C
Timer	9999 mins
Interface	RS232
Dimensions (wxdxh)	300x200x155mm
Weight	7.5kg
Power	250V / 50Hz or 110V / 60Hz
Chiller 4/14D (supplied with cooling model only)	
Display	digital temperature
Pump capacity	18 L/min +4°C up to ambient
Water container capacity	2000ml and max 4000 ml in circulation
Dimensions (wxdxh)	260x330x220mm
Weight	16,5kg
Power	250V / 50Hz or 110V / 60Hz

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