



This quick start guide is intended to provide a quick overview of your MAG/HEATMAG's key features and to offer basic instructions for getting started. For detailed information, please refer to the latest operating instructions that can be found at www.integra-biosciences.com in different languages.

Intended use

This is a general-purpose laboratory instrument for use in research only. MAG and HEATMAG modules are motor driven, adjustable magnets for magnetic bead separation. In addition, HEATMAG provides a heating function.

Safety information

Regardless of the listed safety notes, all locally applicable regulations must be observed.

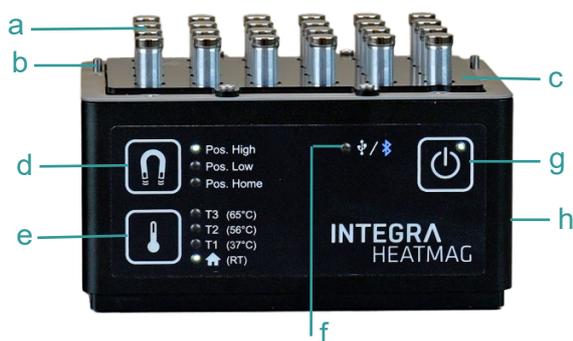
- 1) This product may only be operated in a secure, protected network with trustworthy clients.
- 2) The device may only be used by properly trained personnel in a manner specified by INTEGRA Biosciences.
- 3) Do not use or charge the instrument near flammable material or in an atmosphere with danger of explosion.
- 4) Servicing work and repairs may only be performed by INTEGRA Biosciences or an authorized after-sales service member.
- 5) Keep your hands away from the top of the device during initialization. Risk of pinching fingers.
- 6) Do not touch the heat plate or the labware adapter during or after heat cycles. Risk of burns.

Getting started



Set up the instrument on a horizontal surface. Supply voltage: 100–240 VAC, 47–63 Hz.

Insert the mains adapter cable in the socket on the bottom of the MAG/HEATMAG and connect the adapter to the electricity mains.



- a. Magnet array
- b. Pin, on both sides for labware adapter positioning
- c. Heat plate (HEATMAG only, risk of burning)
- d. Magnet button, to set heights
- e. Temperature button (HEATMAG only)
- f. Status LED, lights if connected
- g. On/Off button
- h. Fan, slots on both sides (HEATMAG only)

Switch on/off:

Press the On/Off button. To turn off, press the button until it beeps.

Inserting adapters or magnetic arrays

Put the labware adapter or array on top of the MAG/HEATMAG. The correct alignment is given by the pins or notches, respectively.

Running stand alone and changing parameters

MAG/HEATMAG can be operated as a stand-alone device and can be placed on the plate holders of VIAFLO 96/384 or MINI 96 for high throughput magnetic bead clean-up.

You can adapt the default heights, temperatures, and fan speeds via the MAG Control software that can be downloaded from the INTEGRA website. Connect the MAG/HEATMAG on the bottom with USB cable to the PC. Set and transfer the new parameters to the MAG/HEATMAG. Alternatively, use the MAG Control app (BT module required).

Integration on ASSIST PLUS

For remote control on ASSIST PLUS plug the USB-C to AUX cable into the USB port of the MAG/HEATMAG and connect it to the AUX port of the ASSIST PLUS (serial number ≥ 21011555). Put the MAG/HEATMAG on the deck, e.g. position C. Use the VIALAB software to define a program on the PC and transfer it to the pipette used on ASSIST PLUS.

Equipment Disposal



MAG/HEATMAG must not be disposed of with unsorted municipal waste. Dispose of the device in accordance with the laws and regulations in your area governing disposal of devices. In certain regions and countries, e.g. in EU member states, the distributor is obliged to take back this product free of charge at the end of life. Please contact your local distributor for more details.

Manufacturer and customer service

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Declaration of conformity

INTEGRA Biosciences AG – 7205 Zizers, Switzerland

declares on its own responsibility that the devices

Description	Models
MAG/HEATMAG	4900, 4901
Mains adapter	137710

comply with:

EU Directives and Regulations

2014/35/EU, 2014/30/EU, 2012/19/EC, 2011/65/EC, 1907/2006, 2019/1021, 2019/1782

GBR Regulations

S.I. 2016/1101, S.I. 2016/1091, S.I. 2013/3113, S.I. 2012/3032

Zizers, December 8, 2023

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For detailed CE declaration and regulations of other countries, please refer to the operating instructions.