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Find the *Gilson 215* at our website: ***Click HERE***

242/542 Peltier Racks





Cool and Heat Samples on the Same Bed

- Provide precise temperature control from 4 to 40°C for Gilson's entire line of 215 liquid handlers and injectors
- Individually controlled to allow cooling and heating of microplates on the same bed
- Peltier Racks provide cooling of samples for reduction of evaporation, enabling smaller sample sizes and improved sample integrity
- Each 242 Peltier Rack handles up to two standard 96-well microplates
- The 542 Peltier Rack enables cooling and heating control of up to 1,152 samples on a single 215 when combined with an optional 242 Peltier Rack
- Control both the 542 and 242 Peltier Racks from a single power source
- A single 215 Peltier Controller powers one 542 Peltier Rack and an optional 242 Peltier Rack or up to five 242 Peltier Racks

Applications

- Small-volume sample preparation for HPLC or LC/MS
- Pharmaco-kinetic assays
- Biological assays

GILSON

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Technical Specifications

242/542 Peltier Racks

Communication Interface	One contact closure input
Front Panel	HOT, COLD and STANDBY indicator lights
Manufacturing Standards	Meets applicable Safety and EMC certification standards; UL and CE certified
Power Requirements	242 • Voltage: 24V DC • Current rating: 3.5A at 24V 542 • Voltage: 24V DC • Current rating: 17.5A at 24V
Rack Capacity	242: Two 96-well, flat-bottom, shallow microplates 542: Ten 96-well, flat-bottom, shallow microplates
Temperature Range	242: 4–40°C when lab temperature is 23.5°C* 542: 10–40°C when lab temperature is 23.5°C* *Actual temperature is a function of the ambient temperature and style of microplates used.
Dimensions (w x d x h)	242: 11.4 x 30.5 x 12.4 cm (4.5 x 12 x 4.9 in.) 542: 50.1 x 33.6 x 11.4 cm (20.1 x 13.3 x 4.5 in.)
Weight	242: 2.7 kg (6.1 lbs.) 542: 11.3 kg (24.9 lbs.)

215 Peltier Controller

Manufacturing Standards	Meets applicable Safety and EMC certification standards; UL and CE certified
Front Panel	POWER indicator light
Power Requirements	Frequency: 50–60 Hz Voltage: 115 or 220V AC Current rating: 5.0A at 115V or 2.5A at 220V
Dimensions (w x d x h)	26.5 x 43.5 x 15.6 cm (10.4 x 17.1 x 6.2 in.)
Weight	7.4 kg (16.4 lbs.)

For applications or additional information, contact your local Gilson Technical Sales Representative or visit www.gilson.com.

Gilson, Inc. World Headquarters
Middleton, WI 53562 USA
Telephone: 800-445-7661 or 608-836-1551
Fax: 608-831-4451

Gilson S.A.S.
19, avenue des Entrepreneurs
F-95400 VILLIERS LE BEL France

www.gilson.com
sales@gilson.com, service@gilson.com, training@gilson.com

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We buy equipment

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