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TECHNOLOGY GROUP

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Find the *Thermo / Kendro / Heraeus Cytomat 2 C* at our website: *Click HERE*

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Remotely inspect equipment before purchasing with our Innovative InstraView™ website at http://www.instraview.com

We buy used equipment! We also offer credit for Buy-Backs and Trade-Ins

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Heraeus

The New Cytomat® 2 Automated Incubator

Environmental Expertise for Your Assays

- Extremely uniform environmental conditions for all microplates
- Excellent parameter stability virtually eliminating recovery times
- Minimized evaporation from microplate wells, reducing assay variance



Quality Products – Lifetime Care

Kendro

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The New Cytomat® 2 Automated Incubator – Environmental Expertise for Your Assays

The innovative Cytomat 2 provides extremely stable environmental conditions. Designed to reduce assay variance, Cytomat 2 virtually eliminates recovery times.

Environmental Expertise

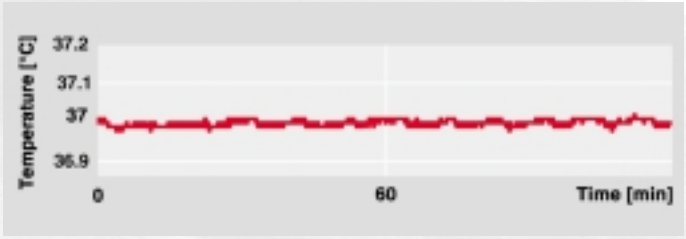
- Uniform temperature, humidity and CO_2 conditions for all 42 microplates reduces assay variance.
- Excellent parameter stability during loading and unloading at 37 °C, with less than 0.05 °C and 0.6 % rH fluctuation (see graphs). This extremely stable environment virtually eliminates recovery times.
- The specially designed water reservoir and new stackers with ventilation slots minimize evaporation from the microplate wells, thereby reducing assay variance. In addition the stackers allow autoclaving and dry heat sterilization at 180 °C.

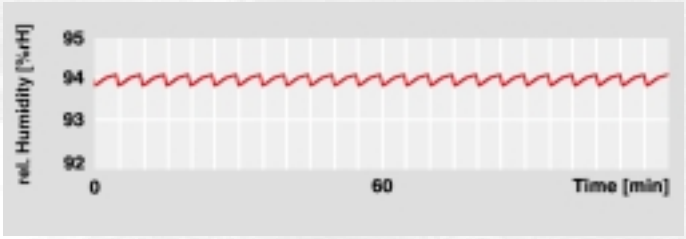
Ease of Integration

- The specially designed Plate Shuttle System™ and access door can handle all standard microplate formats, including deep-well plates. Onsite re-configuration of microplates is possible with a simple to use installation software.
- The transfer station is adjustable on the x/y/z axes, and offers a single point of integration.
- Windows based software allows straight-forward and flexible programming, increasing operational reliability.
- Designed to provide a high level of user flexibility, Cytomat 2 fits into all automated assay systems.

Options

- CO_2-Control (0 to 20 %) with a new CO_2 sensor
- Adjustable transfer station
- Stackers for different microplates
- 100 V and 120 V version
- Further options available on request





Extremely stable conditions ▲

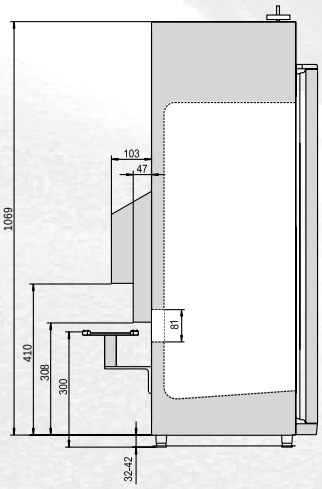
Humidity and temperature stability during a continuous loading and unloading cycle over a 2 hour period. Set values are 94% rH and 37°C, automatic gate opening every 5 minutes for 10 seconds.

Technical Data

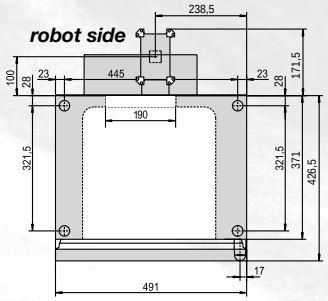
Model	Cytomat 2 C	Cytomat 2 C70
Temperature range	T_A +8 to 50 °C	T_A +8 to 70 °C
Temperature accuracy* temporal/spatially	± 0.1 °C / < ± 0.5 °C	± 0.2 °C / < ±1 °C
Humidity, constant	max. 95 % rH	max. 95 % rH from T_A + 8 to 50 °C
		≥ 85 % rH from + 50 to 70 °C
Microplate capacity	up to 42 standard (SBS) 96- or 384-well microplates up to 18 deep-well plates	
Access time	maximum 20 seconds	
Access mode	random access of individual plates	
Interface	RS 232	
Rated voltage	1/PE AC, 230 V 50/60 Hz	
Rated power	0.7 kW	
Exterior dimensions	W/D/H in mm 491 / 530 / 1119 in inches 19.3 / 20.9 / 44.1	

* in accordance to DIN 58 945
T_A = Ambient Temperature

Dimensions [mm]



side view



top view

For Ordering or Technical Information

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Heraeus

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