

- Perfect conservation of specimens at a constant temperature for a potentially unlimited period of time
- Maximized reliability of metabolic experiment outcomes
- User friendly: plug and play device



ANALYSIS

Introduction

The E-Chiller™ is the new electronic chilling device, that can fit any Tecniplast metabolic cage from single mouse up to rats, capable of keeping urine and faeces at a **constant low temperature** for a set time. This fine control gives the researchers **complete control over the temperature of the samples** during their metabolic research protocols.

1/ Perfect Conservation of Specimens

The system can keep urine at low temperature in order to slow down biochemical reactions due to enzymes actions. The settable temperature range on the E-Chiller™ goes from 4°C to 20°C and being electronically controlled it features a **tight and fine control of the temperature avoiding any uncontrolled temperature fluctuation** during the time of the experiment.

2/ Reliable Experiments Outcomes

With the new E-Chiller™ researchers are finally able to maintain collected urine and faeces at a **constant set temperature** through time: **no more undesired variables that affect research outcomes and time-constraint experiments.**

3/ User Friendly

Plug-and-play device with simple and immediate user interface: soft-buttons display for an intuitive control and setting of the machine parameters: temperature and time. **No more need for a refrigerator** to freeze the chillers before the experiment: reduction of operational and logistics complexity, costs, time and space required.

TECHNICAL SHEET

E-Chiller™

Overall Dimensions (L x W x H)

273 x 197x 195 mm • 10.74" x 7.75" x 7.78" inch

Control Panel

LCD Panel and soft-touch membrane pad

Power Consumption

< 250 W

Noise

≤ 65 dB(A)

Racks

Cage Type	Configuration	Overall Dimensions (L x W x H) - mm/in
All Metabolic Cages	10 cages (5w x 2h) single sided	1510 x 480 x 1878 59.45 x 18.90 x 73.94



ANALYSIS

E-Chiller: Electronic Temperature Controller

Perfect Conservation of Specimens



Reliable Experiments Outcomes



ISO-9001
Cert. n° 0875



ISO-14001
Cert. n° 0256A/0



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