

## Product Highlights

- Modern design cools faster in freezers and stays cold longer on the bench top
  - Maintains the entire 96-well plate at a temperature of 0 °C for over an hour
  - Maintains sample temperature of less than 5°C for up to three hours (with lid off)
  - When the temperature ceiling of 6°C has been exceeded, users are signaled by a contrasting color change of the cooler, or a single well
- Cools industry standard format PCR® tubes, strips and single format as well as most 96 well plates, in both standard and low profile well shape
- Patented lid design provides seamless storage and transport by securely covering the PCR® samples from the freezer to the bench top
  - Innovative lid slides out, rotates 180°, and becomes a convenient stand the cooler sits on



## Product Applications:

Ideal for thermosensitive applications, PCR®, or cell-based assays, as well as gentle sample thawing and stopping of reactions. The unit also provides a dependable cooling station for pipetting and sample storage. Perfect for transporting samples and reactions between preparation, thermal cycling and post-PCR® procedure areas.



### Two Color Contrasting Options Available

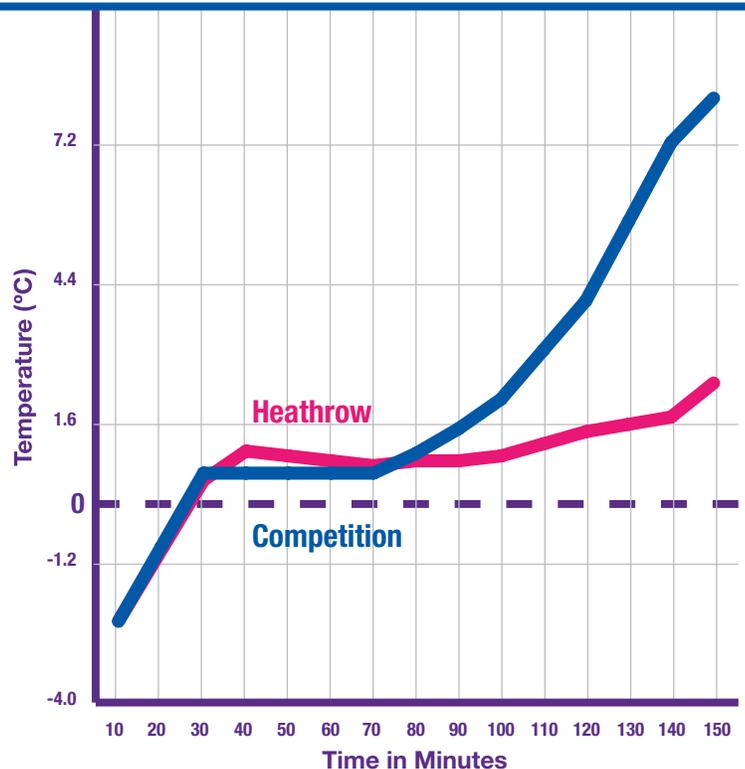
purple to pink or dark blue to light blue allowing easy monitoring of samples

- Modern patented design cools faster in freezers and stays cold longer on the bench top
- PCR® Cooler maintains a sample temperature of 0 °C (with 2 hours pre-cooling at -20 °C) for over an hour
- When the temperature ceiling of 6 °C has been exceeded, users are signaled by a contrasting color change of the cooler, or even a single well
- Cools industry standard format 0.2 mL and 0.5 mL PCR® tubes, strips and single format, as well as most 96 well plates, in both standard and low profile well shape
- Better alternative than ice baths as dry incubation reduces the risk of contamination
- Freeze cooler in an upright position enabling cold storage of tubes
- Well design prohibits the freezing of samples
- Fully sealed and sonic welded cooler keeps coolant contained offering worry free usage
- Save space with compact footprint and stacking ability
- The lid is ambidextrous; it can be switched to accommodate left or right-hand orientation and is detachable
- Robust cooler made from engineered polypropylene and the lid is made from polycarbonate
- US Patent Pending, Community Design No: 004101756-0001-0002
- Two Year Warranty

# HEATHROW VERSUS THE COMPETITION

The Heathrow Scientific PCR® Cooler/Chiller maintains sample temperature of less than 5°C for up to three hours (with lid off) at room temperature, as well as—or better than the competition.

As our internal testing shows, after 90 minutes, the competition's rack quickly rose in temperature, while our rack maintained its cool temperature.





96 well 8x12 configuration

**Lid doubles as a stand.**

When used as a stand the space between the cooler and bench top enables the cooler to stay cold longer as there is no conductive heat transfer



**Ergonomic Textured Finger Grips**

provide a secure hold, reducing the chance of dropping the PCR® Cooler, and makes handling and transportation easy, especially when using gloves



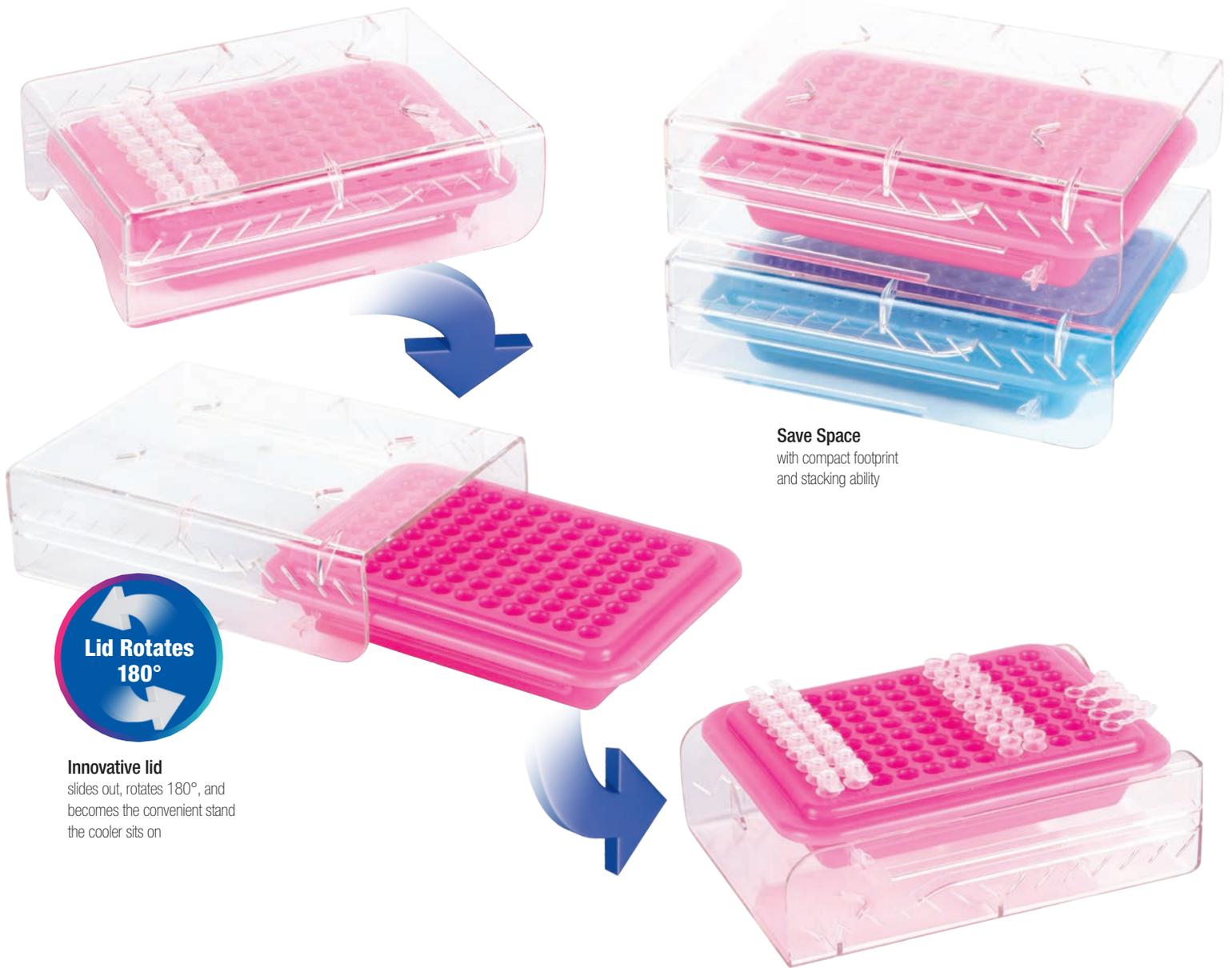
**Vented Lid**

enables faster cooling of samples while in freezer



**Alphanumeric Well Identification**

for quick location and retrieval of tubes



**Save Space**  
with compact footprint  
and stacking ability



**Innovative lid**  
slides out, rotates 180°, and  
becomes the convenient stand  
the cooler sits on

Item No.	Warm Color	Cold Color	Wells	Tube Sizes mm	L x W x H in	cm	UOM
120727	Pink <span style="color: red;">■</span>	Purple <span style="color: purple;">■</span>	96	0.2, 0.5 Assay Plates	4.3 x 5.8 x 1.9	11 x 14.8 x 4.8	2 ea/pk
120728	Light Blue <span style="color: cyan;">■</span>	Dark Blue <span style="color: blue;">■</span>					
120729	Assorted*						

*\*Assorted colors (Blue, Pink)*

*PCR is a registered trademark of Hoffman-LaRoche Inc.*