

Ice-free benchtop cooling



Mini Coolers

Protect your temperature-sensitive samples right at the benchtop with our True North® Mini Coolers

Heathrow Scientific Mini Coolers are ideal for keeping PCR® reagents, enzymes or other biochemical reagents cool at the benchtop. Filled with non-toxic insulating gel, they provide better temperature control than water/ice baths and are designed to remain at either 0° or -20°C for several hours. They can also be used for controlled freezing of samples, or to protect samples in freezers with defrost cycles or unreliable performance.

Mini Coolers are constructed from durable polycarbonate, with rubber feet to keep them from moving on the benchtop. The lid includes a keyed grid for easy sample identification.

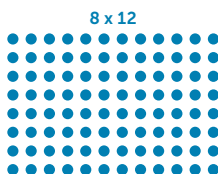
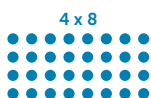
**Won't destroy
labels/markings
like ice can**



Green Mini Coolers consistently maintain a 0°C temperature. They hold 0.5 and 1.5/2 mL microcentrifuge tubes and/or cryogenic vials up to 2 mL (tube adapters are provided for the smaller tubes).

Blue Mini Coolers consistently maintain a -20°C temperature. They hold 0.5 and 1.5/2mL microfuge tubes and/or cryogenic vials up to 2 mL (tube adapters are provided for smaller tubes). 0.2mL tubes or assay plates can be held in HS120076 only. Block is removable for cleaning and provides a single large space for special application needs.

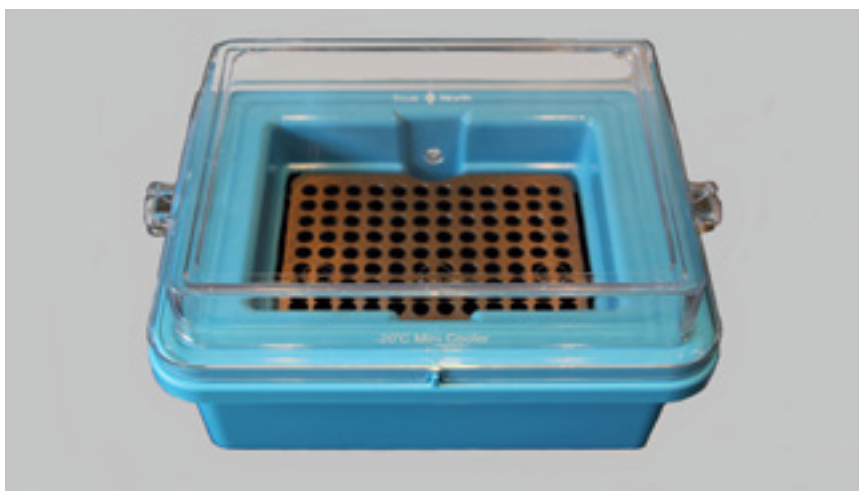
Freeze in low-temperature freezer for 24 hours before use.



Mini coolers are available in three tube array options



Mini Cooler HS120070 with clear lid



96-well Mini Cooler HS120076 fits both tube strips and assay plates



Mini Cooler HS120075 includes a gel-filled cover for added temperature retention



Manufacturer of quality laboratory products

www.heathrowscientific.com

Reliable
temperature
control



Mini Coolers



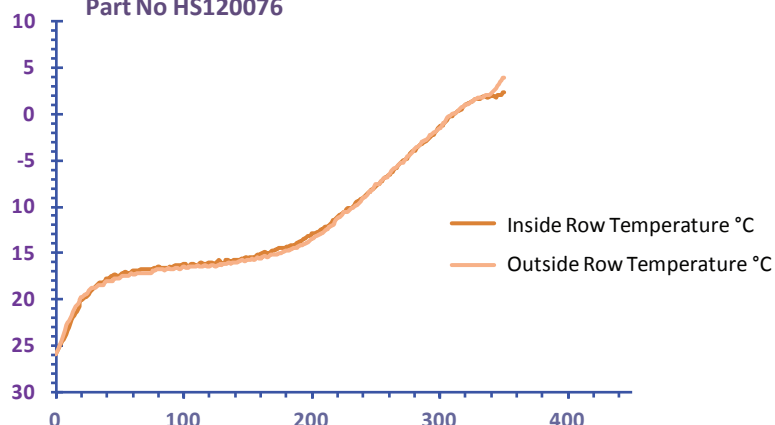
An alphanumeric grid on the lid (clear lid shown) helps identify sample position.



To increase temperature control even more, choose Mini Coolers with a gel-filled lid.

-20°C Mini Cooler Performance

Part No HS120076



Example of a temperature retention graph. (Actual graph will vary, depending on product.) Temperature retention times below are based on a conservative assessment designed to ensure consistent output of the specified temperature. Units will continue to cool for several hours beyond the given times.

part no.	temp	tube array	no. tubes	tube sizes	color	lid	dimensions (mm)	temp retention
HS120070	0°C	3 x 4	12	0.5–2 mL	Green	Clear	145 x 105 x 100	1°C for 4 hr*
HS120071	0°C	4 x 8	32	0.5–2 mL	Green	Clear	245 x 105 x 100	1°C for 5 hr*
HS120072	0°C	4 x 8	32	0.5–2 mL	Green	Gel Filled	245 x 105 x 100	1°C for 7.5 hr*
HS120073	-20°C	3 x 4	12	0.5–2 mL	Blue	Clear	145 x 105 x 100	-15°C for 2.5 hr*
HS120074	-20°C	4 x 8	32	0.5–2 mL	Blue	Clear	245 x 105 x 100	-15°C for 3.5 hr*
HS120075	-20°C	4 x 8	32	0.5–2 mL	Blue	Gel Filled	245 x 105 x 100	-15°C for 5 hr*
HS120076	-20°C	8 x 12	96	0.2 mL	Blue	Clear	225 x 165 x 110	-15°C for 2.5 hr

Ask for these and other innovative Heathrow Scientific products:

True North® Cryogenic Vials

*Innovative design saves
freezer space!*

Made from superior puncture- and rupture-resistance polypropylene with a silicon lid seal, our vials include a printed writing area and graduations. They are recommended for mechanical freezers and vapor phase LN₂ (-196°) and include a traceable sterility certificate.



**RNase/
DNase-
Pyrogen-
FREE**

Microtubes

*High-quality tubes for
critical applications*

Made from 100% virgin polypropylene and are certified sterile, RNase/DNase and pyrogen free. Autoclavable and can withstand high centrifugal forces.



A autoclavable

D disposable

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