

MGK EndoCube Product Specification Sheet

The **MGK EndoCube** is a simple device that fits over the thermostat probe on a refrigerator or freezer.

Inside the **MGK EndoCube** is a food simulant that has been proven by the American NSF to mimic the properties of refrigerated food and beverages. Now, rather than responding to rapidly fluctuating refrigerated air temperature, the **MGK EndoCube** allows the refrigeration system to respond to food temperature instead.

This more accurate and stable temperature causes the compressor to run fewer, but much longer cycles. These longer cycles allow refrigerated food to cool for a longer period of time with a wider 'cooled air' effect; in essence this creates a far more efficient cooling system.

By using the **MGK Endocube** as a cycle control mechanism, refrigeration cycles last longer but can be reduced by as much as 80%.

The **MGK Endocube** consists of a non-toxic wax food simulant contained in a double-skinned enclosure. The food simulant mimics food temperature at around 10mm below the surface and is designed to fit quickly and easily around the fridge's temperature sensor.

The **MGK Endocube** ensures that refrigeration keeps food at the correct temperature while drastically limiting the temperature cycling (and resulting consumption) driven by the opening and closing of refrigerators and freezers.

The **MGK EndoCube** consists of:-

- EndoCube and bayonet fixing (male)
- two-part cable trap (termination)
- bayonet fixing plate (female)
- locking ring

Composition:

- Wax Blend 2241
- Grade 3154 FP (Food Packaging Grade)

Dimension:

- Length: 9.5 cm- 14.5 cm with bayonet and 2 part cable trap
- Width: 5.0 cm



MGK Endocube Device



Manufacturer Warranty: 2 Year

Approved Model:

→ EndoCube EC 101 Standard

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