



1013-2

1013-2, Hybridization Incubator

Hybridization ovens are the preferred technique for hybridization in today's laboratory. Incubation takes place inside the incubator, under constant rotation, ensuring even distribution of probe solution over the membrane. While there are other solutions available for hybridization applications, hybridization ovens offer better agitation and higher throughput. They also require less volume per membrane area, resulting in savings for labs.

MRC 1013-2 Hybridization incubator's unique fan assisted airflow system circulates air evenly and continuously, delivering excellent temperature uniformity throughout the oven chamber. This system ensures fast recovery of chamber temperature after a door opening.

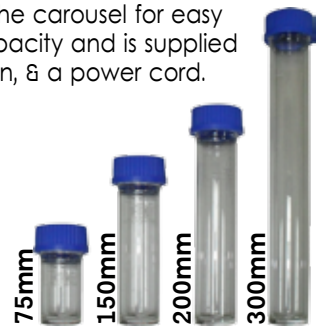
The digital set/digital read microprocessor temperature controller maximizes rapid heat-up of the oven. An over temperature safety control is automatically set by the microprocessor at 1.0°C above the setpoint. In the unlikely event of a microprocessor failure, a thermal cutoff will shut off the power to the heating elements.

The 2-20 RPM rotation speed range permits hybridization and washing at different speeds at the touch of a dial. A separate jogging switch has been included to allow incremental rotation of the carousel for easy loading & unloading. This unit has a 12 bottle capacity and is supplied with a drip pan with adjustable feet, a locking pin, & a power cord.

Model	1013-2
Exterior Dimensions (mm)	445Wx508Dx553H
Chamber Dimensions (mm)	317Wx304Dx368H
Rotator Capacity	12 Bottles

Applications:

- Molecular Biology Assays.
- Southern (DNA) Hybridization.
- Northern (RNA) Hybridization.
- Western Blot.
- Temperature Range Ambient +5°C to 70°C.
- Temperature Adjustable by 0.1°C.



3025-2

3015-2, 3025-2, Water Jacket Value Line Incubators

Water Jacket Incubators provide excellent temperature uniformity. Both the water jacket and the heated door design eliminate condensation on the walls & glass door. Copper strip in the water jacket inhibits bacteria growth.

The microprocessor temperature control allows digital temperature set and read-out to 0.1°C. Incubators are available as a single chamber unit or over/under unit and feature a full length inner glass door for visual checks without disturbing incubation. Through-wall access port allows roller apparatus, rocker or stirrer operation. Adjustable leveling feet compensate for uneven surfaces. All 3000 Series Incubators are supplied with a humidity pan.

Applications include:

- Biochemical Studies.
- Hematologic Studies.
- Bacterial Culturing and Research.
- Microbiological Determinations.
- Pharmaceutical Stability Assays.
- Food Processing Quality Control.
- Large Scale Roller Apparatus Applications.



3015-2

Model	3015-2	3025-2
Weight (kg)	143	286
Capacity	155 L	311 L
Interior Dimensions	46.9W x 46.9D x 62.2H cm	46.9W x 46.9D x 62.2H cm
Exterior Dimensions	58.4W x 59.7D x 97.8H cm	58.42W x 59.7D x 195.6H cm
Temperature Range	Ambient +5 to 70°C	Ambient +5 to 70°C
Temp. Uniformity	+0.2°C	+0.2°C
Electrical Specifications	Volts: 220V Hertz: 50/60Hz Watts: 650W	
Shelving	3 Supplied	3 Supplied per unit