

Nitrogen gas Generator N₂ GENESIS 200/Optional tank for Nitrogen gas Generator GST-0205M

Up to 99.9% of Nitrogen gas in atmosphere can be concentrated and supplied to the equipment. The frequency of maintenance can be reduced by approx. 3 times when using together with the Optional tank.

•"Evaporation head EN1 series" that the solvent can be concentrated to dryness by spraying the nitrogen gas --> P.103

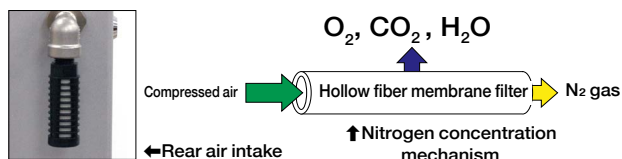
Features and Applications

- Nitrogen gas in atmosphere can be concentrated and supplied to the equipment
- Supplies Nitrogen gas to MG-71M/M-A
- Supply of nitrogen to culture equipment for microaerophilic and anaerobic microorganisms
- Nitrogen purging in centrifugal concentration and freeze-drying

Up to 99.9% of Nitrogen gas in atmosphere can be concentrated (N₂ GENESIS 200)

Nitrogen gas in the atmosphere can be concentrated and supplied to the equipment. Only nitrogen is separated and concentrated by passing it through a filter made of a hollow fiber membrane. Up to 99.9% of Nitrogen gas can be supplied, but it varies depending on the supplied flow rate.

Also, a gas cylinder is not required so you can be worry free of the remaining gas amount.



Cost-saving optional tank for GST-0205M

The optional GENESIS Saver GST-0205M can be used with the Nitrogen gas Generator N₂ GENESIS 200. It is equipped with a small pressure vessel that can store nitrogen gas generated from the N₂ GENESIS 200. While using the stored nitrogen gas, you can turn off the operation of the N₂ GENESIS 200. As a result, the operation time for N₂ GENESIS 200 is reduced and minimizes frequent maintenance, power consumption, and operating noise that can recoup your initial investment as Cost savings.



Nitrogen gas Generator N₂ GENESIS 200

Optional tank for Nitrogen gas Generator GST-0205M

Model	N ₂ GENESIS 200
Supply pressure/ Flow rate/Concentration	Max. 0.5 Mpa, 99.9% at 1 L/min, 99.5% at 3 L/min
Connection dia./ Dimensions(WxDxH)/ Weight	φ6 mm (Pisco tube), 300 × 526 × 481 mm, Approx. 35 kg
Power supply	AC100V/7.5A (Need a step-down transformer)
Standard accessories	Spare Air filter×1 pc, Pisco tube (φ6 mm × 5 m)×1 pc

•When using together with the Nitrogen sprayer (page 103), the number of spray nozzles should be within 12.
 •Required a convert nozzle when connecting to MG-71 series. •The clogging of Filter and the deterioration of Compressor can lead to the decline of Supply pressure and Nitrogen gas concentration; The maintenance and replacement of Filter depending on their condition should be recommended. Since the Compressor is likely to deteriorate regardless of being used or not, it should be maintained once per year for frequent usage and once every 2 years to 3 years for non-usage.

Product Name/Model	GENESIS Saver GST-0205M
Ambient temp. range	15°C to 35°C
Gas tank capacity/ internal pressure	Approx. 5 L (except for Class II pressure vessels), max. 0.48 MPa
Dimensions(WxDxH)/ Weight	202 × 539 × 340 mm, Approx. 15 kg
Power supply	AC100V/0.5A/Max.10A (Need a step-down transformer)

•The convert nozzle to connect to MG series comes with.

Resined inner-door equipped with Gloves MG-GD

Suitable for light work in the chamber, such as sampling, with the inner door closed.

It allows for light work with gloves in the chamber while the gas concentration is kept. The Resined inner-door can be exchanged from the standard inner-door of the MG-71 series. Two shelves (316 × 150 × 10H mm) with a shorter depth than that of the standard MG-71 series make it easy to work in the cabinet.

Model	MG-GD
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NEW

Constant temperature incubator/shaker OD Monitor

For cell culture related products

Shaker

Mixer Rotator Stirrer

Bead beater Ultrasonic homogenizer

Aluminum block Bath Mini-size Bath

Water bath Shaking Water bath Immersion cooler

Hybridization Incubator Constant temperature Chambers

Centrifugal Concentrators Cold Trap

Freeze dryers

Substrate Electrophoresis apparatus Blotting device for hybridization

Constant-temperature water circulating system (Chilled)

Appendix