



Miltenyi Biotec



Dissociate and discover

# gentleMACS™ Octo Dissociator

Get a good start with automated tissue dissociation

## Multiple sample processing

Dissociation or homogenization of up to eight samples in one go, controlled independently

## Flexibility

Applicable to virtually any tissue using pre-set or user-defined programs

## Time-saving

Minimal hands-on time, short procedures

## Reliability

Fully automated, standardized procedures for highly reproducible results

## Safety

Sample processing in a closed, sterile system

► [gentlemacs.com](http://gentlemacs.com)

## At the push of a button: single-cell suspensions and homogenates from tissues

The gentleMACS™ Octo Dissociator offers automated tissue dissociation that is gentle to cells and guarantees excellent cell viability for subsequent cell separation, analysis, and culture. Likewise, the instrument boasts thorough tissue homogenization for molecular applications. Two types of unique gentleMACS Tubes with a built-in rotor-stator yield optimal tissue dissociation or homogenization. Hands-on time is minimal for highly reproducible, user-independent results.

### Multiple sample processing with maximum flexibility

The instrument can process up to eight samples. Processes can be started separately or simultaneously, even using different programs.

### Optimized, pre-set programs for ease of use

Easily dissociate tissues into single-cell suspensions, including:

- neural tissue
- mouse spleen, lung, liver, or heart
- mouse or human tumor tissue samples
- embryoid bodies

Homogenize tissues for:

- RNA isolation from fresh or frozen samples
- protein extraction
- determination of bacterial or viral load

### User-defined programming

Customized programs open up unlimited options for the dissociation or homogenization of biological materials. Using the touchscreen process parameters can be easily modified according to specific needs.

### Closed system for maximum safety

The gentleMACS C Tubes and M Tubes allow sample preparation in a closed and sterile system, providing a high level of user safety, even with infectious samples. Likewise, cross-contamination is minimized, protecting your samples for meaningful experimental results.

### Proven and tested, worldwide

Miltenyi Biotec provides a continuously growing number of approved protocols and programs. The well-established gentleMACS Dissociation technology has led to numerous publications in various fields. For a list of selected references visit [www.gentlemacs.com/references](http://www.gentlemacs.com/references)

Get your quote today.

► [gentlemacs.com/quote](http://gentlemacs.com/quote)



The instrument's touchscreen interface allows easy operation and monitoring. Up to eight samples can be processed separately or simultaneously.



The gentleMACS Dissociators provide for gentle tissue dissociation or thorough homogenization—the prerequisite for your cell and molecular research.

Product	Components	Order no.
gentleMACS Octo Dissociator	gentleMACS Octo Dissociator, power cord, user manual	130-095-937
gentleMACS Octo Dissociator with Heating Units	gentleMACS Octo Dissociator, 8 heating units, power cord, user manual	Coming soon
Heating Upgrade Kit – gentleMACS Octo Dissociator	8 heating units, software upgrade	Coming soon
C Tubes	25 tubes, sterile, single-packed 100 tubes, sterile, 25 tubes per bag	130-093-237 130-096-334
M Tubes	25 tubes, sterile, single-packed 100 tubes, sterile, 25 tubes per bag	130-093-236 130-096-335
M Tubes with Strainer	50 tubes per bag (strainer: 600 µm mesh)	130-094-392



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