



gentleMACS™ Dissociators

Start smart – innovative tissue dissociation or homogenization

Time saving

Fully walkaway tissue dissociation and homogenization

Reliable

Standardized procedures for highly reproducible results

Flexible

Pre-set or user-defined programs available for virtually any tissue type

Safe

Sample processing in a closed, sterile system

gentleMACS™ Dissociator

The gentleMACS™ Dissociator enables reliable tissue dissociation or thorough homogenization.

- Use in virtually any cell research field, including cancer, immunology, neuroscience, stem cell, and cardiovascular research
- Select from more than 30 pre-defined programs optimized for the most frequently used tissues
- Process two sample in parallel to save time

gentleMACS Octo Dissociator

The gentleMACS Octo Dissociator extends the basic features of the gentleMACS Dissociator with additional convenience, flexibility, and efficiency.



Figure 1: The gentleMACS Octo Dissociator (left) and the gentleMACS Dissociator (right) for standardized tissue dissociation or homogenization.

High throughput for faster results

The gentleMACS Octo Dissociator can process up to eight samples either in parallel or sequentially.

Independent sample operation

Multiple tissue types can be processed simultaneously. For unbeatable convenience you can add new samples at any time, even if other dissociation programs are in progress.

Customize your program to fit your experiment

In addition to the more than 30 pre-defined programs, you can also set up customized programs for your specific samples and applications.

gentleMACS Octo Dissociator with Heaters

Experience fully walkaway tissue dissociation using the gentleMACS Octo Dissociator with Heaters.

Integrated heaters for on-instrument enzymatic incubation

The heaters enable enzyme incubation directly on the instrument thus reducing hands-on time to a minimum.

Low rotation speed for fragile cell types

A low rotation speed allows for very gentle tissue dissociation and recovery of fragile cell types.



Figure 2: The gentleMACS Octo Dissociator with Heaters for fully walkaway tissue dissociation.

gentleMACS Family

Our gentleMACS Family offers everything you need to obtain viable single-cell suspensions for subsequent cell separation, cell culture, and cell analysis experiments. Each component has been optimized for use with the gentleMACS Dissociators, including

- Patented **gentleMACS C Tubes** and **M Tubes** for gentle tissue dissociation or thorough homogenization
- Easy-to-use **MACS® Tissue Dissociation Kits** with optimized enzyme mixes for preserving cell integrity and surface epitopes
- Convenient **Pre-Separation Filters** and **MACS SmartStrainers** for optimal sample clearing

Choose the most innovative technology in sample preparation and get the best start for your experiment.

Ordering information

Product	Order no.
gentleMACS Dissociator	130-093-235
gentleMACS Octo Dissociator	130-095-937
gentleMACS Octo Dissociator with Heaters	130-096-427



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