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Certificates

Thermo Scientific™

Dionex™ NGES Next Generation Electrolytic Suppressor

Designed for a broad range of applications, the Thermo Scientific™ Dionex™ NGES Next Generation Electrolytic Suppressor offers excellent performance, particularly with smaller 4 µm particle-size ion chromatography columns.

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Catalog Number	Capacity	For Use With (Application)	Diameter
060002	100 µeq/min	Cation analysis	4 mm
060001	200 µeq/min	Anion analysis	4 mm



060004	35 µeq/min	Cation analysis	2 mm
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Catalog number 060002

☆

Price (MDL)
-

Contact Us

Capacity:

100 µeq/min

For Use With (Application):

Cation analysis

Diameter:

4 mm

Product Overview



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Documents

Meet the growing demands of ion chromatography (IC) with the Dionex NGES electrolytic suppressor. Housed in new hardware, this suppressor is designed for IC applications requiring high capacity, low noise, high backpressure resiliency, and fast startup. The Dionex NGES electrolytic suppressor is available in 2 mm and 4 mm formats.

Meet growing IC application demands with the Dionex NGES electrolytic suppressor

- Full electrolytic regeneration without reagents
- Sustains accurate results with exceptional peak resolution
- Improved backpressure resilience, making it compatible with a wide range of post-suppressor devices and detectors, such as mass spectrometers

The Dionex NGES electrolytic suppressor is the recommended replacement for the Thermo Scientific™ Dionex™ DRS™ 600 Dynamically Regenerated Suppressor and the Thermo Scientific™ Dionex™ ERS™ 500 Electrolytically Regenerated Suppressor.

Software compatibility information

The Dionex NGES Suppressor requires a minimum version of the Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) to be recognized as “NGES” in the software. Please refer to the Dionex NGES Suppressor Manual or Installation Guide for the required minimum version for recognition and operation of a Dionex NGES Suppressor with your system. If your instrument is not using the required version of Chromeleon CDS or higher, please contact your local Thermo Fisher Scientific representative for additional assistance.

Specifications

Capacity	100 µeq/min
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Flow Rate	3 mL/min max
For Use With (Application)	Cation analysis
For Use With (Equipment)	Dionex ion chromatography systems
Operation	Recycle mode, External water mode (EWM)
Pressure	500 psi backpressure max
Solvents	Methanesulfonic acid and sulfuric acid eluents
Temperature Range	15 to 50 °C
Void Volume	< 50 µL
Weight (English)	1.01 lb
Weight (Metric)	460 g
Type	Suppressor
Unit Size	Each



Have questions about this product? Ask our AI assisted search.



Ask a question about this product.

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Documents & Downloads

Certificates



Lot #	Certificate type	Date	Catalog number(s)
 260507066	Certificate of Analysis	May 15, 2026	060003
 260507065	Certificate of Analysis	May 15, 2026	060003
 260507064	Certificate of Analysis	May 15, 2026	060003
 260507063	Certificate of Analysis	May 15, 2026	060003
 260507062	Certificate of Analysis	May 15, 2026	060003

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Scientific Resources

Technical Notes

 [Technical Note: Key performance parameters for the Thermo Scientific Dionex NGES-C \(2 mm\) Next Generation Electrolytic Cation Suppressor](#)

 [Technical Note: Key performance parameters for the Thermo Scientific Dionex NGES-A \(2 mm\) Next Generation Electrolytic Anion Suppressor](#)

 [Technical Note: Key performance parameters for the Thermo Scientific Dionex NGES-C \(4 mm\) Next Generation Electrolytic Cation Suppressor](#)

 [Technical Note: Key performance parameters for the Thermo Scientific Dionex NGES-A \(4 mm\) Next Generation Electrolytic Anion Suppressor](#)

Application Notes

 [Application Brief: IC-MS analysis of perchlorate with new, robust, and reliable next generation suppressor](#)

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Product Information

Manuals

[NGES Operating Manual](#)[Manual: Dionex NGES Suppressor Operating Manual](#)[Installation Instructions: Dionex NGES Next Generation Electrolytic Suppressor Installation Guide](#)

Product Guides

[NGES Installation Guide](#)

Specification Sheets

[Specification Sheet: Thermo Scientific Dionex eluent suppressors for ion chromatography](#)