Thermo Scientific Dionex Suppressor

Selection guide

Description	Format		Part number	Target applications
Thermo Scientific [™] Dionex [™] DRS [™] 600 Dynamically Regenerated Suppressor Designed for Thermo Scientific [™] Dionex [™] IC systems with electrolytic suppression capabilities in mode and legacy systems with CC* mode	Ion Anion Cation	Size 4 mm 2 mm 4 mm 2 mm	088666 088667 088668 088670	General purpose self-regenerating suppressor for majority of applications. Gives lowest noise for RFIC-EG hydroxide and MSA eluents for gradient applications. Replaces Thermo Scientific [™] Dionex [™] ERS [™] 500 Electrolytically Regenerated Suppressor.
Thermo Scientific™ Dionex™ ERS™ 500eElectrolytically Regenerated Suppressorfor External Water ModeDesigned for all platforms with CC* mode	Anion Cation	4 mm 2 mm	302661 302662 302663 302664	Electrolytically regenerated suppressor designed for external water mode; compatible with solvents up to 40%, borate eluents and destructive detectors such as MS and PCR
Thermo Scientific™ Dionex™ AERS™ 500 Carbonate Electrolytically Regenerated Suppressor for Carbonate Eluents Designed for all platforms with CC* mode	Anion	4 mm 2 mm	085029 085028	Optimized for carbonate eluents; gives <1.5 nS noise with most carbonate eluents
Thermo Scientific [™] Dionex [™] CRS [™] 500 Chemically Regenerated Suppressor Designed for all platforms in the chemical mode	Anion Cation	4 mm 2 mm	085090 085091 085092 085093	Chemically regenerated suppressor for applications requiring high levels of solvent. Required for use on systems without a suppressor power supply, such as the Thermo Scientific [™] Dionex [™] Easion [™] System
Thermo Scientific™ Dionex™ ACRS-ICE™ 500Chemically Regenerated Suppressor for IonExclusion ChromatographyDesigned for all platforms in the chemical mode	Anion	9 mm 4 mm	084715 084714	Chemically regenerated suppressor for ion exclusion chromatography
Thermo Scientific™ Dionex™ SC-CERS™ 500 Salt Converter Cation Electrolytically Regenerated Suppressor Designed for all platforms with CC* mode	Cation	4 mm 2 mm	083547 083549	Salt converter cation suppressor for analysis of ammonia and amines with linear calibration response
Thermo Scientific [™] Dionex [™] ERD [™] 500 Electrolytically Regenerated Desalter Designed for all platforms with CC* mode	Anion	4 mm 2 mm	085087 085089	Desalter for removing sodium ions from electrochemical detector effluent prior to MS detection or fraction collection

* CC - Constant Current Mode

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Selection guide Conductivity detection Dionex ACRS-ICE 500 recommended MPIC lon exclusion Dionex ERS 500e recommended MPIC, ion exchange or ion exclusion lon exchange Cations Anions Anions or cations? Yes No Solvent in sample Yes or eluent Gradient? No Yes Greater than 40%? No recommended Ammonium or amines? No Yes Yes Borate eluent? Dionex ADRS 600/AERS 500e No Is linearity critical? 🖌 No Quadratic fit OK recommended Yes Yes Destructive detector? Yes Is sensitivity critical? No Dionex AERS 500 Carbonate recommended Yes No Carbonate eluent? Dionex SC-CERS 500 Yes Is there a high analyte No concentration difference? recommended Dionex ADRS 600 recommended No Non suppressed recommended Yes No Solvent in sample or eluent? Yes Greater than 40%? No Dionex No Dionex CCRS 500 Yes **Dionex CDRS 600** CDRS 600/CERS 500e Destructive detector? recommended recommended recommended

Learn more at thermofisher.com/suppressor

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