NANODEX

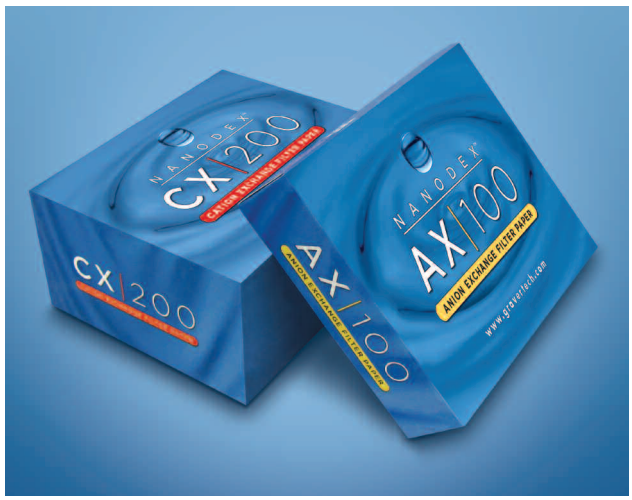
Graver Technologies

Power Generation Systems — The Right Resin Choice

NANODEX™ Ion Exchange Filter Papers

AX|100, CX|200

Radionuclides and Corrosion Products are captured by these novel ion exchange filter papers, allowing plant personnel to track system and plant performance. Individual, highly functionalized, strongly basic anion and strongly acidic cation exchange papers are produced by a unique patented technology. This technology achieves very fast ion exchange kinetics and provides the highest available ion exchange capacity per disk. The high performance papers fit all standard 47mm diameter filter holders and are durable, easy to handle, and simple to use.



AX|100

- Anion exchange filter disks in the chloride form – convert to desired ionic form (i.e. hydroxide) as required
- Strongly basic, quaternary ammonium functionality
- Measure iodide and other anionic radionuclides and anions
- Fifty, 47mm diameter disks per box – 10 disks per sealed polyethylene bag

CX|200

- Cation exchange filter disks in the hydrogen form
- Strongly acidic, sulfonic acid functionality
- Measure corrosion products and other cations and cationic radionuclides
- One hundred, 47mm disks per box – 10 disks per sealed polyethylene bag

RECOMMENDED OPERATING CONDITIONS

FEATURES	BENEFITS
High performance, specialty hydrophilic paper for a variety of analytical requirements	Excellent hydraulic characteristics
Uniform resin distribution throughout each disk	Consistent ion exchange capacity and utilization
Standard 47mm diameter	Fit standard bench-top and inline filter holders and housings
Highly functionalized, highest ion exchange capacity analytical filter disks available	Single disk used per test
Filter disks are easily digested by standard analytical methods	Simple to quantify ions removed – X-ray fluorescence or Atomic Absorption

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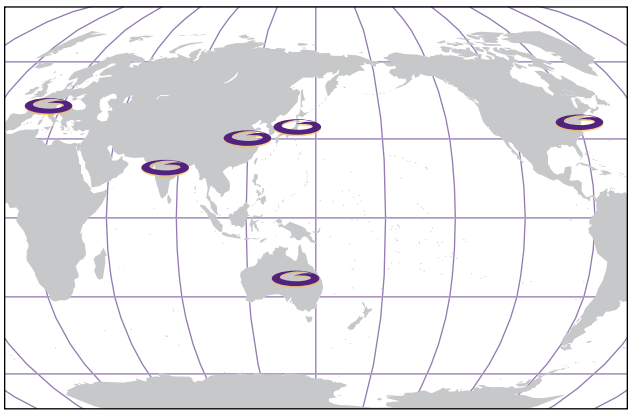
Graver Technologies' Worldwide Locations



Headquarters, Glasgow, DE U.S.A.

Superior Products & Global Reach

Graver Technologies continues to set the industry's pace in ion exchange resin purity, consistently meeting today's tougher requirements for nearly undetectable levels of chloride, sulfate and TOC for high-purity condensates and other process waters.

Whether your business is around the corner or around the world, Graver Technologies can support you with superior products and services. Our products are used worldwide. In fact, we export over 35% of the products we manufacture. Graver Technologies ion exchange products treat more than 6.5 billion gallons of process water every day in over 38 countries. Over 75 percent of the nuclear industry uses our resins. We've achieved this by consistently delivering dependable, high performance products.

Ion Exchange Manufacturing, Newark, NJ U.S.A.

For more information

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Nuclear Quality Assurance Program

10CFR50
Appendix B

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