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Find the *Waters 4000E* at our website: ***Click HERE***

Waters Capillary Ion Analysis System

Waters CIA System

Waters pioneered the technology, patented the chemistry, and developed CIA/CE specific Millennium software. Waters Capillary Ion Analysis (CIA) System is a high speed, high resolution, low cost separations technique for the analysis of inorganic and organic ions in aqueous solutions.

Waters Capillary Ion Analysis (CIA) *is a high speed, high resolution, separations technique for the analysis of inorganic and organic ions in aqueous solutions.*

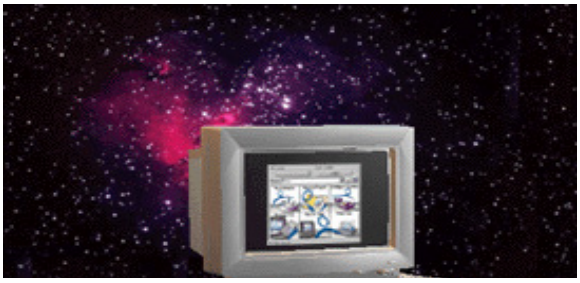
CIA is a proven, dependable, and predictable method for analyzing small ionic species. Separations are performed by applying an electrical field to the sample in a capillary filled with an electrolyte. This technology, pioneered and patented by Waters, is now in use worldwide. Waters researchers, applications specialists, and Waters CIA users are continuing to expand the applications of this rapid, simple, and highly sensitive analytical technique. This module contains information on the fundamentals of CIA, its chemistries, and a number of applications and references for its use. Come on in and browse the world of CIA!



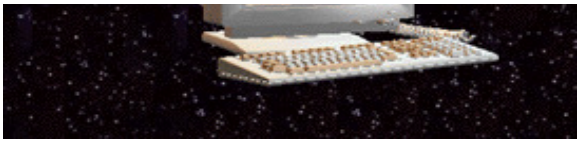
Millennium^{32} Software

Millennium^{32} software is designed for Windows 95 and Windows NT. It is a true 32-bit application that runs in the 32-bit Windows protected mode. The New Active User Interface, extensive use of the right mouse button, Wizards, Microsoft style on-line help and Microsoft style guides make Millennium^{32} software easy to navigate for anyone familiar with Windows 95 or Windows NT 4.0.

The unique distributed architecture of Millennium^{32} software allows it to seamlessly scale up from Workstation based systems to corporate wide, large scale, multi-user Client/Server Systems. Millennium^{32} Client/Server systems use Distributed Acquisition and Distributed Processing



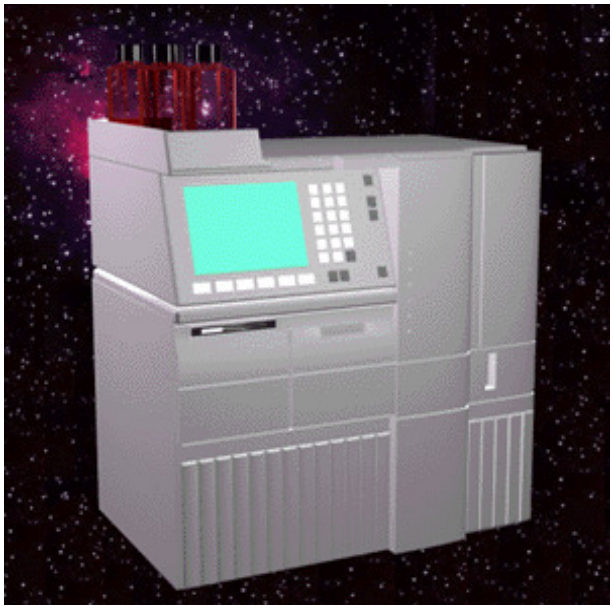
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technologies to efficiently distribute the acquisition and processing workload across all computers in the Client/Server system. The LAC/E^{32} Acquisition Server provides a distributed instrument acquisition and control architecture with functionality unmatched in the industry.

Millennium^{32} software is still the ONLY Chromatography system available with an integrated database.

Waters 2690 Separations Module



The Waters 2690 Separations Module is the industry's first HPLC system platform that combines solvent and sample management. The unique functional integration of this new design means consistent performance, enhanced reproducibility, and higher quality results. This space-efficient, factory-configured module operates in isocratic, dial-a-mix, or gradient mode, with automated conditioning and blending of up to four eluents. With a capacity of 120 sample vials, in five independent carousels, maximum productivity can be achieved. The 2690 Separations Module is the heart of every Waters Alliance System, demonstrating how the new technology and innovative design can improve traditional HPLC processes and set a new standard in chromatographic performance.

Waters 432 Conductivity Detector

The 432 Conductivity Detector now features a new patented five-electrode flow cell design that reduces noise, enhances sensitivity, and allows both direct and indirect



conductivity detection independent of eluent background conductivity. The high sensitivity is ensured by a user-programmable temperature control that automatically adjusts the oven temperature to minimize baseline drift. And the reduced volume design accommodates narrow-bore columns.

Waters 2487 Dual Wavelength Absorbance Detector

Waters introduces the new 2487 Dual wavelength Absorbance Detector, the most sensitive and

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versatile absorbance detector available for HPLC. The 2487 detector features advanced programmability, dual wavelength capability, unmatched signal-to-noise performance, reduced optical bandwidth and exceptional linearity. Designed to provide the highest performance in UV/Vis detection for HPLC analyses, the 2487 detector offers the sensitivity required for detection of minor impurities, with the linear dynamic range to simultaneously quantitate major and minor components.



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