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

Capillary Ion Analyzer (CIA), Quanta® 4000, and Quanta 4000E Capillary Electrophoresis System



Quanta 4000: Part Number WAT250000

CIA 60Hz: Part Number WAT251000

CIA 50Hz: Part Number WAT251001

Quanta 4000E CE 60Hz: Part Number WAT251002

Quanta 4000E CE 50Hz: Part Number WAT251003

Capillary Electrophoresis (CE) is a new separations technology that brings the benefits of high resolution, easy control of selectivity, speed and mass sensitivity. CE was first used for the separation of biomolecules such as proteins and peptides with subsequent applications for the separation of DNA and a variety of smaller organic molecules. Most recently, the introduction of the separation of small inorganics and organics, called Capillary Ion Analysis (CIA) has been developed by Waters. This very fast and efficient technique offers the ability to examine a wide range of cations and anions with high resolution in a short analysis time. Waters offers a variety of chemical products for CE and CIA including capillaries, reagents and applications information.

Instrument Supplies

Description	Part Number	Quantity/ Package
Quanta 4000, Quanta 4000E (CE), and CIA		
Collection Vial Assemblies	WAT250328	12
Coated Electrodes, Platinum	WAT250402	2
AccuPure Z1-Methyl Reagent, 50 g	WAT037825	1
AccuPure Z1-Methyl Reagent, 250 g	WAT054825	1
Sodium Phosphate Foil Packs	WAT250254	5
Caffeine Vial	WAT250279	3
Capillary Assembly 50 µm x 35 cm	WAT250-01	2
Capillary Assembly 50 µm x 60 cm	WAT250-02	2
Capillary Assembly 50 µm x 100 cm	WAT250-03	2
Capillary Assembly 75 µm x 35 cm	WAT250-04	2

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Capillary Assembly 75 µm x 60 cm	WAT250-05	2
Capillary Assembly 75 µm x 100 cm	WAT250-06	2
Capillary Assembly 100 µm x 60 cm	WAT250-08	2
Capillary Assembly 100 µm x 100 cm	WAT250-09	2
Capillary Ferrule, Graphite (Quanta 4000 Only)	WAT250612	1

Gel Filled Capillaries for Quanta 4000, Quanta 4000E (CE)

Gel Filled Capillary Kit	WAT054549	1
Gel Filled Capillary Replacement Kit	WAT054559	1

Maintenance Parts and Supplies

Lamps for Quanta 4000 Detection

CE Mercury Lamp Assembly with Housing	WAT250700	1
CE Zinc Lamp Assembly with Housing	WAT250450	1
CE Cadmium Lamp Assembly with Housing	WAT250480	1
Mercury Lamp Assembly with 185 Filter	WAT250711	1
Mercury Lamp Universal Assembly*	WAT250700	1
Mercury Lamp and Connector Only*	WAT251676	1

Lamps for Quanta 4000E (CE), and CIA

Mercury Lamp Assembly	WAT251467	1
Zinc Lamp Assembly	WAT251442	1
Cadmium Lamp Assembly	WAT251443	1
CE Filter Assembly, 185 nm	WAT250691	1
CE Filter Assembly, 214 nm	WAT250452	1
CE Filter Assembly, 229 nm	WAT250453	1
CE Filter Assembly, 280 nm	WAT250690	1
CE Filter Assembly, 254 nm	WAT250454	1
CE Filter Assembly, 313 nm	WAT250455	1
CE Filter Assembly, 365 nm	WAT250456	1
CE Filter Assembly, 405 nm	WAT250457	1
CE Filter Assembly, 436 nm	WAT250458	1
CE Filter Assembly, 546 nm	WAT250459	1
CE Filter Assembly, 185 nm and Hg Lamp (Quanta 4000 Only)	WAT250711	1
Quanta 4000E Operator's Manual	WAT250746	1

Instrument Accessories

Capillary Electrophoresis Literature Database and Video	WAT250006	1
Negative Polarity High Voltage Power Supply (Quanta 4000 Only)	WAT250103	1
Positive Polarity High Voltage Power Supply (Quanta 4000 Only)	WAT250057	1
Positive Polarity High Voltage Power Supply (Quanta 4000E and CIA Only)	WAT251426	1
Negative Polarity High Voltage Power Supply (Quanta 4000E and CIA Only)	WAT251427	1

Quanta 4000, 4000E (CE) and CIA

24 Position Intro Kit	WAT250722	1

Eppendorf Sample Tubes, 500 µL, 100/pkg	WAT250723	1
Electrolyte Reservoir for Sample Carousel, 17 mL, 20/pkg.	WAT250742	1

*Quanta 4000 Systems equipped with Mercury Lamp Universal Assembly allow use of less expensive Lamp Assemblies. Older systems can have Universal Assembly installed, then use Mercury Lamp and Connector only as replacement parts.

Instrument repair parts are used by and are available only through Waters service. They are not listed. The use of such parts usually requires the expertise of an authorized service and support representative to ensure maximum success.

If you require parts not listed, please contact your local Waters office for technical assistance.

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