

ADX-500

Online AutoDilution Accessory

Designed for unattended, online dilution and analysis. A dual probe system is used to separate uptake for sample dilution from delivery of the sample to the ICP. As the ICP determines over ranged concentrations, samples are automatically diluted and re-sampled. The ADX-500 comes complete with an ASX-520 Autosampler.



ACCURATE

Dual Probe System: One probe is dedicated to sample uptake and delivery to the analyzer. The second probe is dedicated exclusively to uptake of sample for dilution and dispensing of diluent. This arrangement virtually eliminates cross-contamination.

Precision Uptake: 5 mL syringe pump which performs dilution has precision rate better than 0.05% RSD.

CONVENIENT

Small Footprint: Complete, self-contained unit requires no additional bench space as the AutoDilution unit is placed directly on the ASX-520 Autosampler.

Software Controllable: For use with CETAC QuickTrace® Mercury Analyzers, PE Elan ICP-MS Systems and Spectro Cirros ICP Systems.

EFFICIENT

Unattended Analysis: Over ranged concentrations are automatically diluted and re-sampled. This frees valuable personnel from time consuming, intensive manual sample processing.

Reduced Dilution Error: Implementation of the ADX-500 in conjunction with an analyzer minimizes the risk of dilution error compared with manual dilutions.

COMPLETE

Complete Sample Delivery System: The ADX-500 System includes the ASX-520 Random Access Intelligent Autosampler which features durable corrosion resistant construction, metal-free liquid flow path, on-board processor, flexible rack configurations, precision engineering, and simple implementation.

Technical Specifications

Dimensions:

Height: 25 cm (9.8"), 61 cm (24") with probe

Width: 52 cm (20.5")

Depth: 44 cm (17.3")

Weight: 10.5 kg (23 lbs)

Tray: 4 rack capacity

Note: Gilson 14, 44, and 60 position racks are compatible with optional tray insert.

Computer/Hardware Interfaces: 5 auxiliary outputs and 5 inputs, RS-232, USB, direct control and IEEE-488 option.

Power Requirements: 100 - 240 VAC +/- 10%, 50/60 Hz

Warranty: 2 year limited .