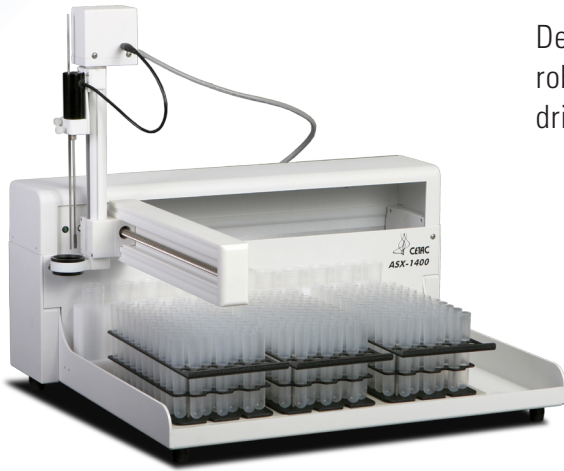


ASX-1400 / ASX-1600

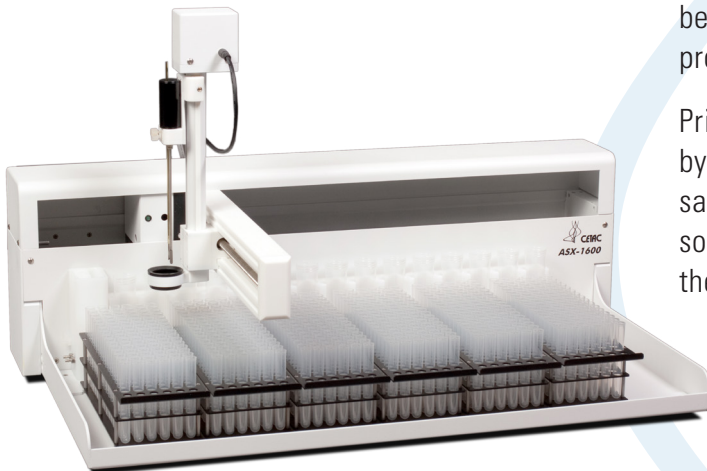
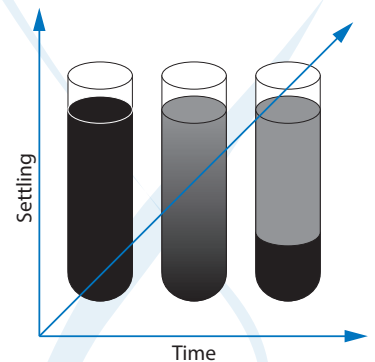
Homogenizing Autosamplers



Designed for use in the oil industry with a focus on wear metals, these robust and flexible autosamplers have mixing capabilities and a unique drip cup to prevent cross contamination.

Sample Homogenization

Used oil samples analyzed for wear metals contain particulate matter which can settle prior to analysis, and create unrepeatable results. The ASX-1400 and ASX-1600 autosamplers have been developed to solve this problem.



Prior to analysis, each sample is automatically homogenized by the autosampler. A simple stirring paddle design mixes samples efficiently and rinses clean using minimal rinse solution. Variable-speed control ensures proper mixing of the samples, leading to more precise results.

Rapid

Accelerated movement dramatically increases efficiency in large volume sample processing. A centrally located wash station reduces probe travel time. Average sample handling time is as low as six seconds.

Accurate

Software allows the operator to configure probe and stirrer depth as well as stirring speed to ensure proper mixing of the samples, leading to more precise results.

Clean

An incorporated drip cup moves under the sample probe and stirrer to eliminate cross contamination from messy drips. Independent rinse stations for probe and stirrer further address carryover.

ASX-1400 / ASX-1600 Autosamplers

Stirring paddle

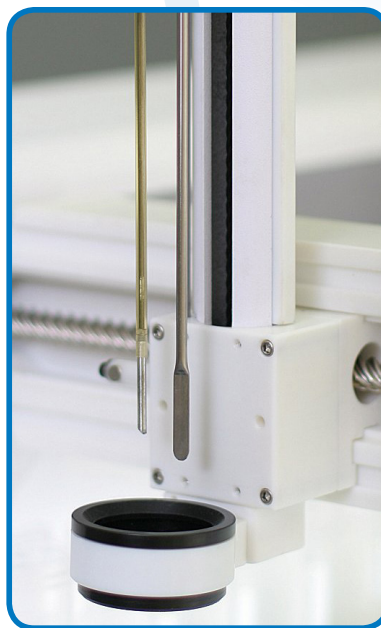
Prior to analysis, each sample is automatically homogenized by the autosampler. Variable-speed control ensures proper mixing of the samples, leading to greater reproducibility and more precise results.

Drip cup

A built in drip cup moves with the sample probe and stirrer, preventing messy drips and cross contamination as they move over the samples.

Independent rinse stations

Independent, continuous flowing rinse station for the sample probe and mixing paddle minimize sample contamination and carryover.



Stirring paddle and sample probe. The drip cup travels with the probe and paddle to prevent cross-contamination.

Technical Specifications

ASX-1400 Dimensions

Height: 53 cm (21")
Width: 60 cm (23.5")
Depth: 51 cm (20")
Weight: 20.5 kg (45.25 lbs)

ASX-1400 Capacity

4 racks, up to 360 samples

ASX-1600 Dimensions

Height: 53 cm (21")
Width: 84 cm (33")
Depth: 51 cm (20")
Weight: 30 kg (66 lbs)

ASX-1600 Capacity

6 racks, up to 540 samples

Rack Options

Gilson, Bel-Art, CETAC/Bohdan
Customized racks available

Hardware Interfaces

RS-232, USB

Power Requirements

100-240 VAC, 3.2 A

Warranty

2 year limited

Minimum Computer Requirements

Windows Vista or higher
1 GB RAM
Video resolution of 1024 x 768 or higher
2 Free COM or USB ports
Adobe® Acrobat® Reader is required to read the manuals that accompany the software
Internet Explorer 6 or higher must be installed for system to function properly