

PRODUCT SPEC SHEET

autosampler

AS 120



The AS120 autosampler combines state-of-the-art component technology with easy-to-use operating features that meet routine as well as research level auto sampling requirements.

ACCURATE AND PRECISE INJECTIONS TO ENHANCE YOUR TNTS/TX ANALYSIS PERFORMANCE

Key advantages

Manufactured by EST for improved service and support that provides better uptime

Allows custom locations to be calibrated for syringe maintenance location and secondary rinse / solvent locations

Accepts 10uL - 250 uL syringe volume

Gripper capability for true solid applications

The AS120 is an all-electric, stepper motor driven autosampler providing rugged reliability and pinpoint injection accuracy.

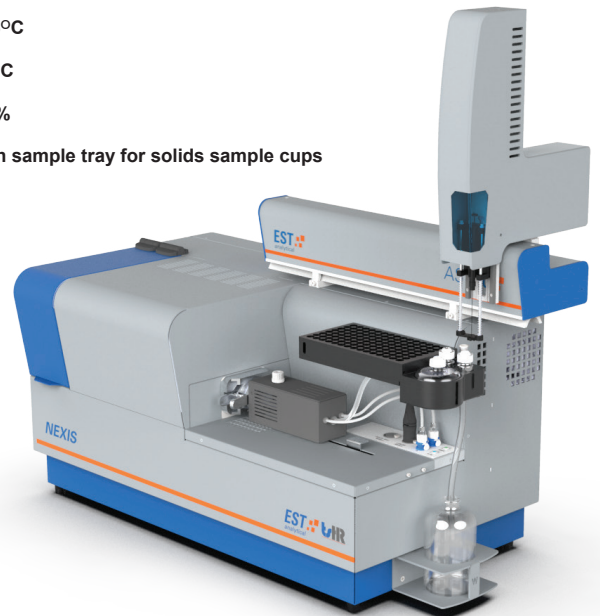
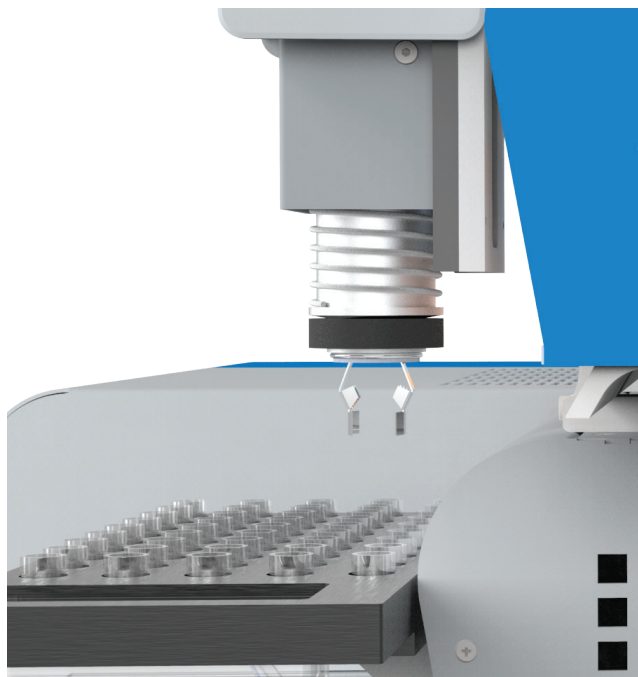
The AS120 uses Vial Decompression to reduce vacuum in vials with multiple replicates of the same vial. The AS120 can be configured to accept 10ul - 250ul syringe volume. The syringe mechanism moves back-and-forth and in-and-out across the sample tray. Variable inject volumes, injection speed, sample pump speed, sample fill speed, needle dwell times, replicates per vial and a host of sampling options that reduces injection run time and solvent usage are all standard and easily programmed through the NEXIS LINK software.

The AS120 is standard equipped with a 120 positions sample tray but can be configured with cooled and heated tray capabilities to support various applications at the NEXIS Combustion Analyzer models.

The AS120 can also be configured to handle true solids with its gripper functionality. Calibration is simple and intuitive. The unit uses screw-cap or crimp-top septum vials and easily interfaces with the NEXIS system. Mounting is easy and allows for quick changes between analyzers if desired.

TECHNICAL SPECIFICATIONS

Dimensions	635 x 355 x 432 mm (WxHxD)
Weight	7.8 kg
Power	115/230V, 50/60 Hz, 115-160 VA
Software	NEXIS LINK
Tray Capacity	120 sample vials - 2ml 12 mm x 32 mm vials 2 Solvent, 1 or 2 Waste
Optional Tray Configuration	Heated tray: 40 sample positions for 2ml vials, maximum temp 60°C <i>compatible with NEXIS and NEXIS VP</i> Cooled tray: 40 sample positions for 2ml vials, lowest temp 18°C <i>compatible with NEXIS VP</i> Incl. additional non-temperature controlled standard tray with 72 positions
Sample Injections per vial	1 to 100; or sample vial capacity
Standard Injection	1 to 100; or sample vial capacity
Operating Temperature	15°C to 35°C
Storage Temperature	0°C to 85°C
Relative Humidity	10% to 90%
Soldis Configuration	45 position sample tray for solids sample cups



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