



AS950 All Weather Refrigerated Sampler

Proizvod #:	ASA.XXXXXXXXXXX
EUR Cijena:	Kontaktirajte nas
Otprema unutar 2 tjedna	

Sampling has never been this easy.

The AS950 All-Weather Refrigerated Sampler is the perfect solution for easy and reliable sample collection in all conditions. With its specially designed air-sensing thermostat, it preserves samples regardless of outside temperatures and conditions, ensuring that your samples are safe and accurate.

In addition to its advanced temperature control, the AS950 All-Weather Refrigerated Sampler features a large, full-color display, intuitive single-screen programming, and USB data transfer capabilities that simplify and streamline the entire sampling process. You can even copy programs from sampler to sampler, eliminating tedious programming and saving time.

Investing in the AS950 All-Weather Refrigerated Sampler gives you the easiest and most intuitive operation, the most convenient data transfer and programming, and the confidence in your sampling process you need, no matter what the weather. Order yours today and simplify your sampling process.

Easiest and most intuitive operation

The large full colour display and intuitive programming give you access to all your programmable criteria on a single screen - eliminating scrolling through menus and supporting error-free operation.

Most convenient data transfer and programming available

The AS950 is the only sampler that utilises a USB drive to upload and download data and copy programs from one sampler to another.

Confidence in your sampling process

The program status screen instantly communicates alarms, missed samples and program progress for quick and easy troubleshooting.

Resists corrosion

The All-Weather Refrigerated (AWR) sampler base is designed to endure humid and highly corrosive environments, minimising damage caused by corrosive gases, rodents, and standing water to guarantee environmental integrity.

Accurate and consistent sample preservations

The custom-designed air-sensing thermostat controls temperature in accordance with USEPA and international guidelines, preserving samples regardless of outside temperatures and conditions.

Specifikacije

Alarma:	Configurable alarms that show on status screen and are recorded in diagnostics alarm logs. Alarms can be set for system diagnostics and logging such as program end, sample complete, missed samples and full bottle. Channel alarms are setpoint alarms for the recorded measurements (channels), such as pH, level and power supply voltage.
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Bilježenje podataka:	SAMPLE HISTORY - Stores up to 4000 entries for sample time stamp, bottle number and sample status (success, bottle full, rinse error, user abort, distributor error, pump fault, purge fail, sample timeout, power fail and low main battery).
	MEASUREMENTS - Stores up to 325,000 entries for selected measurement channels in accordance with the selected logging interval.
	EVENTS - Ability to store up to 2000 entries in Sample History logging. Records Power On, Power Fail, Firmware Updated, Pump Fault, Distributor Arm Error, Low Memory Battery, Low Main Battery, User On, User Off, Program Started, Program Resumed, Program Halted, Program Completed, Grab Sample, Tube Change Required, Sensor Communication Errors, Cooling Failed, Heating Failed, Thermal Error Corrected.
Certificiranja:	cETLus (115 V, 60 Hz model) CE (230 V, 50 Hz model)
Dijagnostika:	View event and alarm logs as well as maintenance diagnostics
Dimenzije:	TWO SENSOR PORTS Accepts Hach digital Differential pH, Hach digital AV9000 analyzer with submerged area velocity flow and/or Hach digital US9000 ultrasonic level sensors
Dodaci:	When equipped with flow sensor or pH/temperature sensor or peripheral monitoring options, sampling can be triggered upon an upset condition when field selectable limits are exceeded
Funkcija zaključavanja zaslona:	Access code protection prevents tampering
Interval uzorka:	Selectable in single increments from 1 to 9999 flow pulses or 1 to 9999 minutes in one minute increments
Jezici:	en, fr, es, it, de, pt, zh, tr, hu, cz, pl, ro, hr, el, sl, sk, fi, ru, ja, ko
Jezici korisničkog sučelja:	Chinese, English, French, German, Italian, Spanish, Portuguese
Manual sampling:	Initiates a sample collection independent of program in progress
Masa:	86 kg
Materijal kućišta:	PC/ABS blend, NEMA 4X, 6, IP68, corrosion and ice resistant (Controller)
Materijal tijela mjerča:	IP24, low-density Polyethylene with UV inhibitor (Sampler)
Memorija:	Sample history: 4000 records; Data log: 325,000 records; Event log: 2000 records
Mod rada:	Continuous or non-continuous
Mogućnosti komunikacije:	USB and optional RS485 (Modbus)
Način uzorkovanja:	Pacing: Time weighted, Flow weighted, Time table, Flow table, Event Distribution: Single bottle composite, multi-bottle composite, multi-bottle discrete, bottles per sample, samples per bottle or a combination of bottles per sample and samples per bottle
Port senzora:	1
Programs:	Dual Programs: Up to 2 sample programs can be run sequentially, in parallel, or according to day of week scheduling; enabling a single sampler to function like multiple samplers
Pump flow rate:	4.8 L/min at 1 m vertical lift with 3/8" intake tube typical
Rain gauge input:	Ne

Sample transport velocity:	0.9 m/s with 4.6 m vertical lift, 4.9 m of 3/8" vinyl intake tubing, 21 °C and 1524 m elevation
Spremnik za uzorke:	SINGLE BOTTLE:
	(1) 10 L Glass or Polyethylene, or 21 L Polyethylene
	MULITIPLE BOTTLES:
	(2) 10 L Polyethylene or Glass,
	(4) 10 L Polyethylene or Glass,
	(8) 2.3 L Polyethylene or 1.9 L Glass,
	(12) 2 L Polyethylene,
	(24) 1 L Polyethylene or 350 mL Glass
Status messages:	Communicates what program is running, if there are any missed samples, when the next sample will be taken, how many samples remain, number of logged channels, time of last measurement, memory available, number of active channels, if alarms were triggered, when alarms were triggered, active sensors and cabinet temperature
Što je u pretincu:	1 ea. AS950 Controller
Stupanj zagađenosti:	2
Sučelje: jezici:	±1 second per day at 25 °C
Suction Hose Outer Diameter:	1/4" and 3/8" ID PTFE-lined Polyethylene with protective outer cover available in clear and black.
Sustav za hlađenje:	Top mounted compressor and fan-forced air cooled condenser; 11/5 HP 115 VAC: 115 °C thermal overload protector, 7.1 locked rotor amps; 230 VAC: 120 °C thermal overload protector, 7.6 A peak start current; 3-sided wraparound plate type evaporator; Rigid foam insulation: 7.6 cm sides, 12.7 cm top, 15.2 cm bottom; Lockable lid to prevent tampering with programming; Recovery Time: Sampler temperature recovers to 4 °C within 5 minutes after door has been held open for one minute in 24 °C ambient environment while in an active cooling cycle; Pull Down Time: from 24 °C to 4 °C , 20 minutes; Temperature Control: 4 °C (±0.8 °C)
Temperatura:	Operating:
	AWRS: 0 - 50 °C
	AWRS with optional controller compartment heater: -40 - 50 °C
	AWRS with controller compartment heater and AC battery back up: -15 - 40 °C
	Storage: -30 - 60 °C
Točnost volumena uzorka:	Typical: ±5% of 200 mL sample volume with: 4.6 m vertical lift, 4.9 m of 3/8" Vinyl intake tube, single bottle, full bottle shut-off at room temperature and 1524 m elevation
Ulazi:	One 0/4-20 mA input for flow pacing
Ulazna cijev:	Pump tubing: 9.5 mm ID x 15.9 mm OD Silicone
	Intake tubing: 1.0 - 4.75 m minimum length, 1/4" or 3/8" ID Vinyl or 3/8" ID PTFE-lined Polyethylene with protective outer cover (black or clear)
Ulazno ispiranje:	Strainers: Choice of PTFE and 316 stainless steel construction, or all 316 stainless steel in standard size, high velocity, and low profile for shallow depth applications
	Purge: Air purged automatically before and after each sample;
	duration automatically compensates for varying intake line lengths
	Rinse: Intake line automatically rinsed with source liquid prior to each sample, from 1 to 3 rinses

	Retries or Fault: Sample collection cycle automatically repeated from 1 to 3 times if sample not obtained on initial attempt
User interface:	Membrane switch keypad with 2 multiple function soft keys
Vertical lift:	8.5 m for 8.8 m maximum of 3/8-in. vinyl intake tube at sea level at 20 to 25 °C
Volumen uzorka:	Programmable in 10 mL increments from 10 - 10,000 mL
Vrsta baze:	All Weather
Vrsta sonde:	No
Zahtjevi napajanja (Hz):	50/60 Hz
Zahtjevi napajanja (voltaža):	115/230 V AC
Zaslona:	1/4 VGA, Color; self-prompting/menu-driven program

Što je u pretincu

1 ea. AS950 Controller