



AS950 All Weather Sampler Bundle, 230 V, 1 x 20 L Bottle, 2 Sensor Ports, Submerged Area Velocity Sensor

Številka izdelka:

ASA.CSXX4X112X

ZASTAREL IZDELEK

Ta izdelek ni več na voljo.

Sampling has never been this easy.

The AS950 All-Weather Refrigerated Sampler simplifies sampling with a large, full-colour display for intuitive, single-screen programming, USB upload and download capabilities and the ability to copy programs sampler to sampler to save time on tedious programing, and an error alert and status screen to eliminate uncertainty and simplify troubleshooting. The custom-designed air-sensing thermostat controls temperature in accordance with USEPA and international guidelines, preserving samples regardless of outside temperatures and conditions.

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

Alarm:	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.
Automatic shutdown:	Multiple Bottle Mode: After complete revolution of distributor arm (unless Continuous Mode is selected) Composite Mode: After preset number of samples have been delivered to composite container, from 1 to 999 samples, or upon full container.
Base Configuration:	230V base with lock, EU
Beleženje podatkov:	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.

Bottle Set: 1 x 20 L Bottle

Certificiranje: CE, UL

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Diagnostika: View event and alarm logs as well as maintenance diagnostics

Dimenzija: 76 cm x 81 cm x 130 cm

Factory Installed Options: RAIN/RS485 PORT

Accepts Hach Rain Gauge (not included) or can be used as RS485 communications

Frekvenca (Hz): 50 - 60 Hz

Funkcija zaklepanje zaslona: Access code protection prevents tampering

Garancija: 24 mesecev

Hladilni sistem: 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)

Internal clock: ±1 second per day at 25 °C

Interval vzorca: Selectable in single increments from 1 to 9999 flow pulses or 1 to 9999 minutes in one minute increments

jeziki: English, French, Spanish, Italian, German, Portuguese, Chinese

Jeziki uporabniškega vmesnika: Chinese, English, French, German, Italian, Spanish, Portuguese

Komunikacija: USB and optional RS485 (Modbus)

Manual sampling: Initiates a sample collection independent of program in progress

Material ohišja: IP24, low-density Polyethylene with UV inhibitor (Sampler)

Način delovanja: Continuous or non-continuous

Način premora: 230 V

Način vzorčenja: 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

Napetost (V): 230 V

Natančnost prostornine vzorca: 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

Port senzorja: Yes

Posebna značilnost: With Lock

Posoda z vzorcem: 1 x 20 L

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

Prostornina vzorca: Programmable in 10 mL increments from 10 - 10,000 mL

Pump flow rate:	4.8 L/min at 1 m vertical lift with 3/8" intake tube typical
Rain gauge input:	Ne
Refrigeration components and plumbing:	Corrosion protected with conformal all exposed copper tubing is insulated to avoid sweating and condensation
Sample pump:	High-speed peristaltic, dual roller, with 0.95 ID x 1.6 OD cm (3/8" ID x 5/8" OD) pump tube; Pump body IP37, Polycarbonate cover
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
Sample trigger:	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
Sample volume repeatability:	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
Senzor:	Oil-filled 0-10' range, 30' cable with connector
Sonde vključene:	Submerged Area Velocity
Spomin:	Sample history: 4000 records; Data log: 325,000 records; Event log: 2000 records
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
Suction Hose Outer Diameter:	1/4" and 3/8" ID PTFE-lined Polyethylene with protective outer cover available in clear and black.
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
Teža:	86 kg
Tip osnove:	No controller compartment heater
Tubing:	Vinyl - 25', 3/8" ID x 5/8" OD tubing and PTFE/stainless steel strainer
User interface:	Membrane switch keypad with 2 multiple function soft keys
Vertical lift:	8.5 m using 8.8 m maximum of 3/8" Vinyl intake tube at sea level at 20 to 25 °C
Vhodi:	One 0/4-20 mA input for flow pacing
Vhodno izpiranje:	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
Vsebinska paketa:	1 ea. AS950 controller with sensor ports on 230 V All Weather base

1 ea. Bottle kit (AW010060), includes 1 x 20 L PE bottle w/cap (6494), composite tube support (8838) and full bottle shut-off (8847)

1 ea. 7 m vinyl intake tubing (920)

1 ea. strainer (926)

1 ea. oil-filled sub AV sensor (77064-030)

1 ea. AV9000S Area Velocity Analyser (9504600)

Zaslón: LCD (osvetlitev iz ozadja):

1/4 VGA, Colour; self-prompting/menu-driven program

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