

AS950 Portable Compact Sampler Bundle, 12 V, 1 x 10 L Bottle, Submerged Area Velocity Sensor, digital pH Sensor

Številka izdelka: **ASP.CSXXC12114**

EUR Cena: Kontakt
Datum pošiljanja ni prikazan

Sampling has never been this easy.

The AS950 Portable Compact Sampler is the easiest and most intuitive way to collect reliable samples. With USB data transfer capabilities, a large full-color display, and intuitive single-screen programming, the AS950 Portable Sampler makes the entire sampling process a breeze.

You'll have complete confidence in your results thanks to the error warning and status screen, and you'll save time by copying programs from sampler to sampler, eliminating tedious programming. Whether you're performing composite or discrete sampling, the AS950 Portable Sampler can do it all, and its lightweight design (only 12.7 kg) makes it both accurate and convenient.

So if you're looking to simplify your sampling process, the AS950 Portable Sampler is the perfect solution. With intuitive operation and the most convenient data transfer and programming, it gives you the confidence you need in your sampling process. Order yours today and experience the benefits.

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.

Field convertible for compact or discrete sampling
Weighing only 12.7 kg, the AS950 portable sampler is designed for accuracy and convenience. Quickly switch between composite and discrete sampling in the field. Configurable for single or multiple bottle applications, it is specifically designed for use in 18-inch manholes.

Easy maintenance at low cost
Spring-mounted rollers provide long tubing life keeping maintenance costs low. The desiccant and pump tubing can easily be accessed; the replacement is possible without any tools. The rugged see-through pump cover is made for a quick visual inspection.

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:	Portable Compact
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:	Composite 2.5 gallon polyethylene bottle kit
Certificiranje:	CE, UL
Diagnostika:	View event and alarm logs as well as maintenance diagnostics
Factory Installed Options:	RAIN/RS485 PORT Accepts Hach Rain Gauge (not included) or can be used as RS485 communications
Funkcija zaklepanje zaslona:	Access code protection prevents tampering
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 mins 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:	Impact resistant ABS plastic, 3-section construction Double-walled base with 2.54 cm insulation, direct ice contact with bottles (Sampler)
Način delovanja:	Continuous or non-continuous
Način premora:	Battery, 12V Lead acid, 3 pin
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):	12 V Battery
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
Posoda z vzorcem:	1 x 10 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 Enabled:	Nič
Rain gauge input:	Ne

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
Sample transport velocity:	0.9 m/s with 4.6 m vertical lift, 4.8 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:	Non oil-filled 0-10' range, 30' cable with connector; Digital pH sensor for Europe only
Sonde vključene:	Submerged Area Velocity and digital pH
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: 0 - 49 °C Storage: -40 - 60 °C
Teža:	15 kg
Tip osnove:	Compact
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
Vsebina paketa:	1 ea. AS950 controller with sensor ports on compact portable base 1 ea. 12 V battery (8754400) 1 ea. Bottle kit (PC010030), includes 1 x 10 L PE bottle w/cap (1918) and full bottle shut-off (8996) 1 ea. 7 m vinyl intake tubing (920) 1 ea. strainer (926) 1 ea. Non oil-filled 0-3 m range submerged area velocity sensor AV9000S with 9 m cable (77065-030EU) 1 ea. AV9000S interface module (9504600)

	1 ea. AV9000S mounting hardware (9506900)
	1 ea. digital pH sensor (DPD2P1)
	1 ea. pH adapter cable (9501200)
	(Battery charger 8753500EU sold separately)
Zaslon: LCD (osvetlitev iz ozadja):	1/4 VGA, Colour; self-prompting/menu-driven program

Vsebina paketa

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