



PASSIVE GROUNDWATER SAMPLING SYSTEM



TWICE THE SAMPLE VOLUME FROM 2-INCH WELLS

The new **Snap Sampler 250** system doubles the sample volume from 2-inch wells without increasing your time in the field. Compatible with existing Snap Sampler systems, the new 250 ml samplers can be combined with the 40 ml VOA modules and the 125 and 350 ml modules to match your sampling requirements. With the added volume of the Snap Sampler 250, you can sample for VOCs, SVOCs, PFAS, metals and more, collecting as much as 1.5 liters from 2-inch wells. Sampling from short water columns with the new 250 ml samplers is still an advantage – while the volume is twice that of the 125 ml samplers, the length is only 1/3 longer.

The Snap Sampler system uses unique sample bottles that are open at both ends, with “snap” sealing caps that capture the sample inside. The bottles are loaded into modules that can be stacked in series, with up to six modules on a single trigger line. To collect samples, a manual or pneumatic trigger releases the spring-loaded snap caps, collecting samples under in-situ conditions. The bottle can be shipped directly to the laboratory – no need to fill bottles in the field. Preservative can be added right through the snap cap without opening the bottles. Modules are then redeployed with a new set of bottles and left in place until the next sampling event.

FEATURES

- Up to 1.5 liters total sample volume from 2-inch wells for sampling VOCs, SVOCs, PFAS, metals and more.*
- Fully compatible with existing Snap Sampler systems
- Ideal for low yield wells with short water columns
- Also available in PFAS-Free ZERO model



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QED Environmental Systems Inc.
2355 Bishop Circle West Dexter, MI 48130, USA


 info@qedenv.com

 800.624.2026
734.995.2547


WWW.QEDENV.COM

QED Environmental Systems Ltd.
Cyan Park, Unit 3 Jimmy Hill Way, Coventry CV2 4QP, UK

 sales@qedenv.co.uk

 +44 (0) 333 800 0088

SNAP SAMPLER 250

THE PROVEN ALTERNATIVE TO PURGING

Passive sampling with the Snap Sampler system eliminates well purging labor and purge water management and disposal. There's no need for compressors, generators or control boxes, no engine exhaust, no handling of fuel in the field, no set up or calibration of flow cell instruments. Samples can be collected by one person without the need for field vehicles carrying equipment and water tanks to the site. Snap Sampler bottles are available in four sizes: glass 40 ml VOA vial size and HDPE 125, 250 and 350 ml sizes. The 40, 125 and 250 ml bottles fit in 2 inch (50 mm) and larger monitoring wells; 350 ml bottles can be used in 4 inch (100 mm) and larger wells. The 40 ml VOA vial can be used directly in standard laboratory auto sampler equipment—no special handling is required by the lab. The plastic bottles are ideal for larger volume collection or for metals or other analytes. Up to six modules can be connected in any combination at the desired sampling depth within the well screen interval. There's no depth limitation with the Snap Sampler system samples have been collected at depths greater than 2,000 feet (600 m).

DIMENSIONS	
SNAP-250 Sampling Module	250 ml: 1.8 in OD (47 mm), 14 in (356mm) Length
SNAP-PA, Pneumatic Actuator	1.74 in (44 mm) OD, 12 in (305 mm)
SNAP-WellCap2	Fits 2 in (50 mm) nominal PVC pipe, 4.3 in (109 mm) overall diameter; requires 1.5 in (38 mm) vertical & horizontal clearance
SNAP-WellCap4	Fits 4 in (100 mm) nominal PVC pipe, 6.5 in (165 mm) overall diameter; requires 1.5 in (38 mm) vertical & horizontal clearance

MATERIALS	
Snap Sampler modules, Twist-on connectors, Release pins, Blue screws, Pneumatic actuator assemblies	Acetal/Glass-filled Acetal
Bottles	Blow molded HDPE
Snap caps	PFA caps on standard bottles
	Acetal caps on ZERO bottles
Bottle springs	316 Stainless with PFA coating on standard bottle
	316 Stainless with no coating on ZERO bottles.
O-rings	Viton (FKM) on standard bottles
	EPDM on ZERO bottles
Trigger tubing	HDPE
Manual trigger cable	302 Stainless with Nylon Coating

WHAT OUR CUSTOMERS ARE SAYING

"We were able to increase our sample volume by adding the 250 modules to our existing Snap Sampler system. very cost effective!"

"Replacing our smaller bottles with the 250 modules and Zero bottles will let us collect PFAS samples in addition to our other parameters without having to sample twice."

"Our regulator prefers the Snap Sampler VOA for sealed in-situ VOCs. Now we can give them that and get enough water for the other samples we need."

For additional information please visit: <https://www.qedenv.com/en-us/snap-sampler-250/>

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