

Advanced Wastewater Sampling Made Easy

Made in the U.S.A.

Standard Features:

- Programmable sample size (20-500 mL, 1 mL increments)
- 7" color touchscreen
- High impact, acrylic/ABS enclosure
- Heavy duty, piston vacuum pump
- Line velocity >3.75 FPS @ 20'
- Modular refrigeration w/ 1/3 HP compressor
- Time / Flow
- Random Time Sampling
- Constant sampling interval (1 – 9999 min.)
- Start / Stop programming
- Delay start (1 – 9999 min.)
- Scheduled Programming
- Auto shut-off
- Pre-sample / post-sample purge (0 – 140 sec.)
- Inputs – Pulses / 4-20mA
- Alarm output option
- Data logging
- Pass code protection on programming
- 2.5 gal, & 5.0 gal sample container options
- 115 operation
- App enabled *coming soon*



U.S. Patent Pending

Wastewater Vacuum Sampler

Details & Specifications

The WAVE™ by Emerald Coast Manufacturing is an electronically controlled, heavy duty vacuum wastewater sampler. This refrigerated sampler allows for composite sampling with a high level of accuracy. The WAVE™ features a high impact and weatherable acrylic/ABS body, making this all-climate unit perfect for even the harshest of outdoor and indoor environments.

The integrated touchscreen controls give you the ability to specify the sample size and program times or flow intervals to collect samples. Controls also allow you to digitally control temperature within the sample compartment.

The WAVE™'s powerful vacuum system generates stronger purges that remove contamination and can draw samples from greater distances, up to 200 Feet. The WAVE™ can pull samples with vertical lifts of nearly 30 feet and provide consistent accurate sampling with no need to worry about replacing costly internal tubes. With that, the WAVE™'s vacuum system exceeds EPA transport velocity.

The Wave's modular refrigeration unit is supplied with a 1/3 HP compressor. This strong module will handle all climates up to 125 degrees without any problems. It has the ability to cool down to 4 degrees Celsius very quickly on initial start-up.



Specifications

Size:	51.5" H x 28.25" W x 27" D
Weight (Dry):	220 lbs. approximate
Refrigeration Body:	Fully insulated cabinet
Intake Tubing:	PVC 3/8" ID x 5/8" OD Length: 3 - 200'
Containers:	2.5 gal., 5.0 gal.
Operational Temperatures:	-20°F to 125°F
Power Required:	115 VAC, 60 Hz
Maximum Lift:	Vertical lift 29', Horizontal 200'
Sample Transport Velocity:	Greater than 3.75 FPS @ 20' with 3/8" tubing
Repeatability:	+/- 1%
Accuracy:	+/- 3%
Programmable Functions:	Pre/Post-purge, Sample size, Auto shut-off, Delay start, Flow inputs, Sampling interval, Weekly programming
Sampling Modes:	Constant Time/Constant Volume; Random Time/ Constant Volume; Flow/Constant Volume
Controller:	Microprocessor control
Controller Protection:	Nema 4X, IP65
Warranty:	Two years from shipment

*Specifications subject to change.



Our Location

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