



# ProSample

PORTABLE AUTOMATIC SAMPLER



## Complete your monitoring system with the ProSample.

YSI's **ProSample** portable samplers feature a proprietary peristaltic pump for highly accurate sampling in applications such as surface water, stormwater, and wastewater.

With multiple samplers to choose from and the ability to sample based on time, analog signal, digital pulse, and/or measurement from an SDI-12 device (P-12 and PM-12 models only), the ProSample can be the final piece of your monitoring installation.



Flexible connectivity options,  
including SDI-12



High sample volume accuracy



Compact design  
for ease of portability



a xylem brand

# ProSample PORTABLE AUTOMATIC SAMPLER



ProSample P and ProSample P-12

ProSample PM and ProSample PM-12

## ProSample Specifications

Pump type	Peristaltic
Accuracy	Single sample volume accuracy: +/-5% or +/-5 mL (whichever is greater) within the sample volume range 20-10000 mL
Range	Single sample volume range: 1-10000 mL
Suction height	Maximum 8.5 m (27.9 ft) at 1 atm with 10 mm ID suction hose
Fluid delivery speed	>0.61 m/s at suction height up to 7 m with 10 mm ID suction hose
Sampler housing	PE (polyethylene); double-walled and insulated for longer ice retention
Dimensions (D x H)	P and P-12 = 50 x 74 cm PM and PM-12 = 40 x 60.5 cm
Weight	P and P-12 = 15 kg PM and PM-12 = 9 kg
Suction hose	Maximum allowable length is 30 meters ID of YSI suction hoses is 10 mm
Bottles	ProSample P and ProSample P-12 - Discrete or composite sampling PE: 24 x 1 L, 8 x 2L, 4 x 4 L, 1 x 26 L Glass: 24 x 350 L, 12 x 950 mL, 8 x 2L  ProSample PM and PM-12 - Composite sampling only PE: 1 x 10L (included with each PM and PM-12)
Memory	Up to 3000 entries; non-volatile data memory for up to 5 years Stores sampling and error data, bottle changes, messages, external signals
Inputs	Analog 0/4-20 mA, Digital, SDI-12 (P-12 and PM-12 only)
USB port	Mini-B USB for PC connection
PC software	YSIConnect PC software for controlling the sampler and downloading data (not required)
Programming	12 user-defined programs
Operating Temperature	0 to 50 °C
Sample Temperature	0 to 40 °C
Power	12 V/ 7.2 Ah lead storage battery (maintenance free, leak proof) 115V or 230V operation by means of battery charger
LED	Indicates if a program is running, an error has occurred, or low battery
Display	Backlit graphic display; 6.5 cm width x 3.2 cm height
Certifications, Standards	CE, ISO 5667-10, EN 16479
Warranty	1 year on all ProSample models



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