

6712 Full-size Portable Sampler

Size (H x Dia):	27 x 20 in (68.6 x 50.7 cm)
Weight:	Dry, less battery—32 lbs (15 kg)
Bottle Configurations:	24 – 1 Liter PP or 350 ml Glass 24 – 1 Liter ProPak Disposable Sample Bags 12 – 1 Liter PE or 950 ml Glass 8 – 2 Liter PE or 1.8 Liter Glass 4 – 3,8 Liter PE or Glass 1 – 9,5 Liter PE or Glass 1 – 5.5 gallon (21 Liter)PE or 5 gallon (19 Liter Glass, (with optional Jumbo Base)
Power Requirements:	12 VDC (Supplied by battery or AC power converter.)

Pump

Suction Tubing:	
-Length:	3 to 99 ft (1 to 30 m)
-Material:	Vinyl or Teflon
-Inside Dimension:	3/8 in (1.0 cm)
Pump Tubing Life:	Typically 1,000,000 pump counts
Maximum Lift:	28 ft (8.5 m)
Typical Repeatability:	± 5 ml or ± 5 of the average volume in a set
Typical Line velocity at Head height of:	
	@ 3 ft (0.9 m) head height: 3.0 ft/s (0.91m/s) @10 ft (3.1 m) head height: 2.9 ft/s (0.87 m/s) @15 ft (4.6 m) head height: 2.7 ft/s (0.83 m/s)

Liquid Presence Detector:

Non-wetted, nonconductive sensor detects when liquid sample reaches the pump to automatically compensate for changes in head heights.

Controller

Dimensions (HxWxD):	10.3 x 12.5 x 10.0 in (26.1 x 31.7 x 25.4 cm)
Weight (dry):	13 lbs (5.9 kg)
Operating Temperature:	32 to 120 °F (0 to 49 °C)
Enclosure Rating:	NEMA 4X, 6 (IP67)
Program Memory:	Non-volatile ROM
Flow Meter Signal Input:	5 to 15 volt DC pulse or 25 millisecond isolated contact closure
Number of Composite Samples:	Programmable from 1 to 999 samples
Real Time Clock Accuracy:	1 minute per month, typical

Software

Sample Frequency:	1 minute to 99 hours 59 minutes, in 1 minute increments. Non-uniform times in minutes or clock times 1 to 9,999 flow pulses
Sampling Modes:	Uniform time, non-uniform time, flow, event. (Flow mode is controlled by external flow meter pulses.)
Programmable Sample Volumes:	10 to 9,999 ml, in 1 ml increments
Sample Retries:	If no sample is detected, up to 3 attempts; user selectable
Rinse Cycles:	Automatic rinsing of suction line up to 3 rinses for each sample collection
Program Storage:	5 sampling programs
Sampling Stop/Resume:	Up to 24 real time/date sample stop/resume commands
Controller Diagnostics:	Tests for RAM, ROM, pump, display, and distributor

Ordering Information

6712 Portable Sampler, Full-size

Includes controller with 512kB RAM, top cover, center section, base, distributor arm, instruction manual, pocket guide 68-6710-070

6712 Portable Sampler, with Jumbo Base

As described above 68-6710-082

Note: Power source, bottle configuration, suction line, and strainer must be ordered separately. Many options and accessories are available for 6712 Samplers; see separate literature for 700 Series Modules and other components to expand your monitoring capabilities. Contact Teledyne ISCO, or your local representative for pricing and additional information.



The 6712 Controller is also an SDI-12 data logger, and has many optional capabilities. Please contact your Teledyne ISCO distributor for more information.

Teledyne ISCO

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Teledyne ISCO is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.

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