

Syringe Sampler KZ-30W1/KZ-30W2 (with CE marking)

Up to 50 sets of parameter settings can be stored in Purge or Measurement mode



- Choice of three operation modes: purge mode, measurement mode, and combination mode for preset sequence of purge and measurement operations.
- Memory for up to 50 sets of parameter settings for purge mode or measurement mode.
- Selectable blank volume lets sample fluid flow rate stabilize after start of plunger action.
- Syringe set with integrated valve for easy replacement.
- Automatic syringe capacity detection.
- When the KZ-30W1/KZ-30W2 is used together with the Rion liquid-borne particle counter KL-11 etc., changing a setting that is common to both units (sample flow rate, blank volume, number of measurement cycles in the measurement mode) at one unit will automatically cause a change at the other unit as well, so that the setup of both units is matched.
- The syringe sampler KZ-30W2 is in conformity with the European Union's CE Compliance requirements.

Specifications

Counters, sensors and syringe size can be connected

Counters and sensors	KL-11, KL-11A, KL-20A, KL-22, KL-26, KL-27(with some limits regarding usable functions) KS-40/40A/40AF/41, KE-40/40AKE-40 (with some limits regarding usable functions)
Syringe size	25 mL PP syringe set (standard) 25 mL Pylex glass syringe set (option) 10 mL Pylex glass syringe set (option)

Material of parts in contact with sample fluid:	Material of parts in contact with sample fluid:
Suitable sample fluids:	Fluids which do not cause corrosion of fluid-contacting parts

Operation stroke

Full stroke	66mm
Tolerance	60mm±2
Repeat precision	0.5% or less
Resolution	0.6mm

Purge mode/Measurement mode

Flow rate	Setting range:	10 to 100mL/min (with 25 mL syringe set)
		5 to 50mL/min (with 10 mL syringe set)
	Resolution:	1mL/min
Purge/Measurement volume	Setting range:	0 to syringe capacity
	Resolution:	1/100 of syringe capacity
Measurement blank volume	0 - 1/2.5 of syringe capacity (Measurement volume + Blank volume < 1.1X syringe capacity)	
Repeat setting	1 to 99	
Combination mode		
Number of steps:	1 to 10	
Number of memory addresses:	50 (with battery backup)	
Combination mode memory:	1 (with battery backup)	
Power Supply	AC100-240 V, 50/60 Hz, Approx. 100 VA	
Back-up Battery	maxell SUPER Lithium (model ER17-33)	
Dimensions and Weight	Approx. 147 (W) X 350 (H) X 290 (D) mm, Approx. 6 kg	