

Auto-Sampler for Water Turbidity & Colormeter

WA 2050S



This is an optional accessory to be used with WA 6000 or WA 2000N, which enables your measurements automatized and laborsaving. You just set sample beakers and press a start switch, and all the operation from sampling to flow cell cleaning is automatically done. Measurement of pH is also available in option in addition to the measurements of turbidity and coloration.



Features

1. Amount of sample and cleaning water will be minimized.
2. Calibration by standard points and cleaning frequency can be arbitrarily set.
3. Total process from sampling and measurements to cleaning is progressed in a short time.
4. Maximum 50 samples can be set on a turn-table.
5. When using an optional data filing software, connection with your PC is available for your data processing.

Specifications

Dimensions	W 722mm x D 640mm x H 695mm (or W 850mm x D 640mm x H 695mm, with pH unit)	Sampling time	Minimum 10 sec. to 20 sec.
Weight	Approx. 40kg (or Approx. 47kg, with pH unit)	Cleaning time	Minimum 20 sec. to the time tube arbitrarily set
Power supply	100V to 240V AC, 50 / 60Hz	Measuring time	Approx. 90 sec. / sample (or approx. 5 min.(default), with pH unit : minimum 3 min. 30 sec. to the time to be arbitrarily set)
Power consumption	100VA	Measuring stop	By a beaker sensor or processing a stop key
Number of samples	Maximum 50 samples	Pump Paimol pump	<ul style="list-style-type: none"> • Flow volume : 660ml / min. • Exhalation value : 35kPa
Sample beaker	100ml tall beaker (or 200ml tall beaker, with pH unit)	Valve	Solenoid valve, SUS-made
Sample stirring	Impeller	Option	<ul style="list-style-type: none"> • Data filing software • Dust cover • pH measuring unit
Cleaning	<ul style="list-style-type: none"> • Impeller : Cleaning by shower • Sampler's flow path : Feeding and drain distilled water by a sampling pump 		
Sampling	Suction by a sampling pump		