

## COMPOSITE SAMPLING DEVICES





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# COMPOSITE SAMPLING DEVICES

## *General Description and Intended Use*

They are used to take samples from domestic / industrial waters or discharged waters which are received by the treatment plant for analysis in any time and flow rate.

## *Working Principle Of Equipment*

The composite sampling device consists of a peristaltic type sampling pump, a PLC display uploaded with program selection, a 10 meter long sampling hose and a delivery hose. The programs uploaded on the PLC display are interrupted, 2-hour and 24-hour. Thus, any number of samples in any quantity and time intervals is taken. The sample taken compositely ensures the wastewater be characterized more precisely.

## TECHNICAL SPECIFICATIONS

- The special program which is designed for facilities performing interrupted discharging has 3 program options as 2-hour and 24-hour sampling program.
- There are program settings which can be easily changed by the user.
- It resumes by recording the situation in the memory in case of power failure.
- Sampling time and amount can be easily adjusted.
- The program selected on the device panel and operation of the program can be tracked.
- It operates 220 V energy connection.
- It sucks and takes the sample with the peristaltic type pump and fills the sampling bottle.
- It has a 7 l / h sampling capacity.
- It can apply 7 mSS suction and force.
- They are manufactured in dimensions of 350 x 250 x 170 mm.



Composite Sampling Devices



Data Input (Flow meter etc.)  
- Power Input



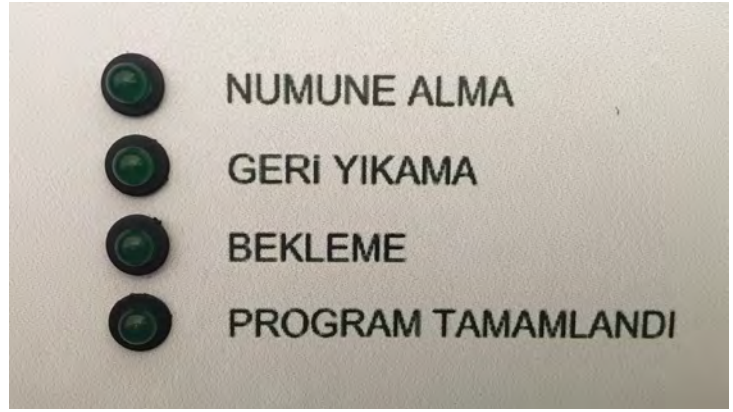
On - Off Button



Control Display



Program Selection Key  
(1-2-3 No. Programs) Fuse 220  
V – 24 V



Led Lights in Operations Depending on  
the Program



Peristaltic Pump



Suction Hose Inlet - Delivery  
Hose Outlet



Suction Hose



Delivery Hose



Strainer



Delivery Line Fixation Part

## Advantages

- 3 Types of Program Selection,
- Sampling in Any Time and Amount,
- Compatible with All Kinds of Operations,
- Operation by Being Connected to the Flow Meter,
- Compact Design,
- Easy Transportation and Mounting / Demounting,
- Design without Maintenance and Service Requirement,
- Long Operation Life,
- Easy Maintenance Possibility,
- Tracking of Program with Sight Glass,
- Suitable for Outdoor Operation,
- Low First Investment Cost,
- Low Operation and Maintenance Costs.

## Accessories

- Strainer
  - Suction - Delivery Hose
  - Delivery Line Fixation Part
  - Refrigerator\*
  - Sampling Valve\*
  - Battery\*
- \* Optional accessories are defined.

## Material Details

- Frame: They can be manufactured as DIN 1.4301 (AISI 304).

"Different materials can be preferred in accordance with the request of the customer."



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