

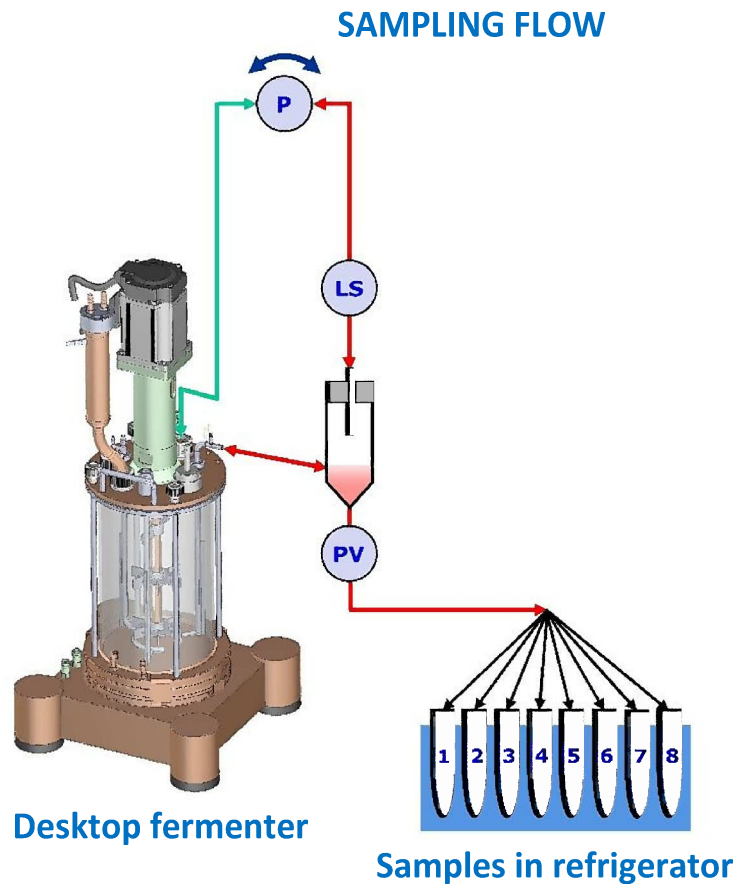


AUTOMATIC SAMPLING SYSTEM

# Collectcool

"**Collectcool**" takes samples automatically during your desk-top fermentation experiment in overnight or holiday running instead of you.

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## FEATURES

- The special designed sampling chamber ensures taking sludge like sample or high viscosity sample with constant volume.
- Easy to adapt and set up
- Sterilizable sampling unit
- No waste samples
- User friendly TFT 3.8" monochrome touch screen
- The automatic pinch valve protects from contaminating the process.
- The special but simple pumping mechanism gets rid of cell and solid content disruption.
- Peltier element refrigerator keeps samples cold efficiently
- Compact design saves your experiment space.

## SYSTEM STRUCTURE AND FUNCTIONS

**Collectcool** is consist of these parts

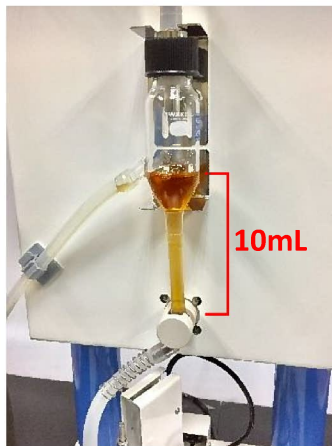
- ① Sampling chamber: Measure sampling volume
- ② Sample detective sensor: Detect sample to control tubing pump
- ③ Tubing pump: Suck and transfer sample
- ④ Sampling nozzle: Put into a test tube and transfer sample protecting sample spilled out.
- ⑤ Sampling tubes: Maximum 8 samples can be taken
- ⑥ TFT 3.8" monochrome touch screen
- ⑦ Temperature indicator of samples
- ⑧ Refrigerator

Sampling pipe goes into a sampling tube and transfer sample without spilling after opening a protection lid



### Sampling tube

Sample can be protected from evaporation and falling bacteria by a protection lid

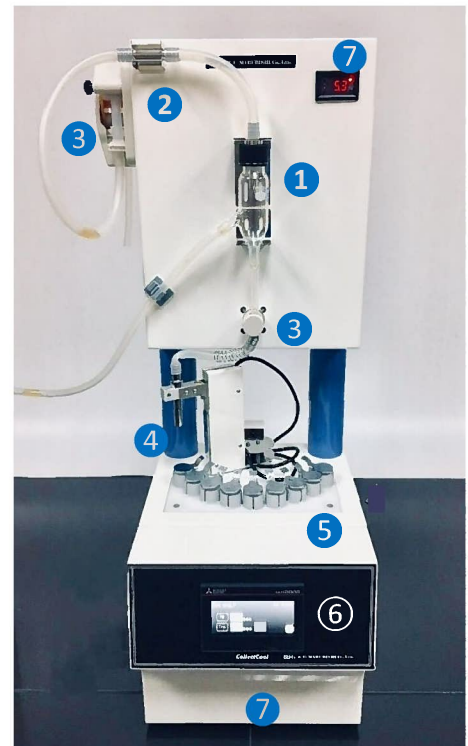


### Sampling chamber

Sampling chamber measures 10mL of sampling volume

## SPECIFICATION

- Number of samples: Max.8
- Time setting: Elapse time
- Minimum setting time: minute
- Minimum setting interval: 5 min.
- Sample volume: 10 ml
- Refrigerating temperature: 4-10°C.
- Size: 270W×294D×650H



Sampling unit can be autoclaved with a vessel