Reeko

AutoEVA–20Plus
Multiple Evaporation System

Reeko Instrument USA

Product Overview

The AutoEVA-20Plus is automated high throughput, high speed and low gas consumption sample concentrators. Utilizing water bath and nitrogen blowing system, AutoEVA-20Plus provide unattended operation for up to 60 samples with outstanding efficiency. The Android based software and WIFI system allow you to monitor the real-time concentrating process with smart phone or PAD, making the whole operation easy and convenient. With consistent R&D and testing, the AutoEVA from Reeko are ideal sample preparation partners for GC, LC and Mass analysis.

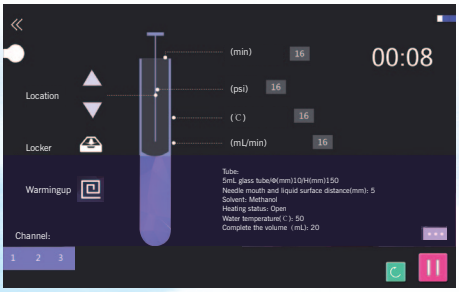
Applications: Food analysis, Water treatment, Environmental sample , Agrochemical compounds, Pharmaceutical, Biotech Compounds, Forensic samples, Government and Academic research.

Features

- **Water bath heating and Nitrogen blowing**
  -Even heat transmission, Higher concentration efficiency.
- **Controlled water bath temperature from RT to 100℃**
  -Precisely controlled water bath temperature to eliminate the risk of thermal degradation or losing volatile compounds.
- **Sample capacity：customizable, maximum up to 30 samples**
  -Greatly increase the experiment efficiency, reduce time for sample preparation.
- **Unique control system of nitrogen needles: adjustable height of the needles to suit to different liquid level**
  -The needles controlled technology guarantee higher efficiency and lower gas consumption compared from traditional concentrator.
- **Fast-change nitrogen needles to apply to different demands**
  -Easy and Convenient.
- **Adjustable nitrogen flow rate and pressure with real-time display**
  -The operator can easily monitor the whole process of the concentrator.
- **Test tube： different racks available for tube sizes from 10 mL to 80 mL**
  -Higher capability ,wider applicability.
- **Compatible with racks from AutoSPE**
  -Free from tube transferring, more convenient and more reliable.
- **Visual glass window design available to observe the concentrating process**
  -For convenient observations.
- **An Android or Windows based software allow you to edit, modify the methods and monitor the real-time process with smart phone or PAD**
  -Making the Cumbersome process easy.

Software

1. **Operation system：** Graphical interface control with temperature, time and pressure real-time displayed, easy and convenient to operate.
2. **Software:** an Android or Windows based software allow you to edit, modify the methods and monitor the real-time process with smart phone or PAD.



Advantage

High efficiency, low gas consumption

With the control of the positions of the nitrogen needles, we can controlled technology guarantee higher efficiency and lower gas consumption compared from traditionalconcentrator.

High throughput, highly Automated

Unattended operation for up to 60 samples.When completion or pause ,the needles will be raised automatically.

Safe and reliable

Isolation design of Nitrogen module and water bath module eliminate the risk of being sticked by the needle when handling the

Content Description Number

Accessories

Content	Description	Number
10mL,20mLtest tube rack	Apply to16mm glass test tube or plastic test tube	1006-001-01
60mL、80mLtest tube rack	Apply to30mm glass test tube or plastic test tube	1006-001-04
10mLtest tube	16mm glass test tube	1004-001-21
20mLtest tube	16mm glass test tube	1001-001-18
60mLtest tube	30mm glass test tube	1002-001-12
80mLtest tube	30mm glasst est tube	1002-001-03
Needle Racks	10 positions	1006-001-03
Needle Racks	6 positions	1006-001-13

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