RT800 Automatic Sampling Transdermal Diffusion System
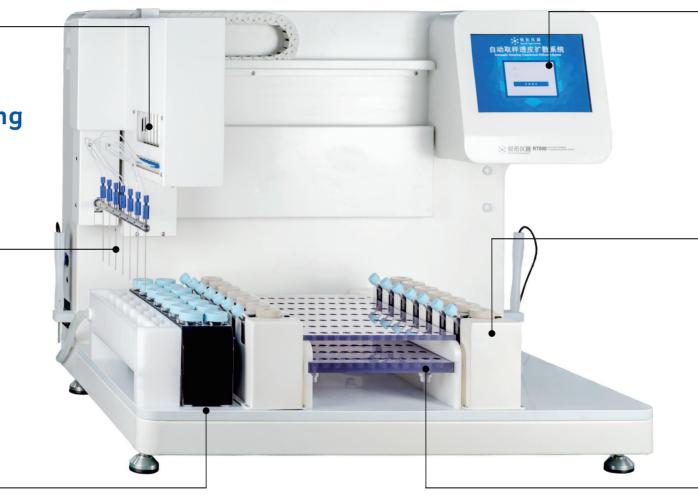
High Precision Sampling Pump

Sampling error <± 0.1 mL. The function of rinse before sampling and cleaning after sampling, ensures sampling accuracy and avoids contamination or residue.

Automatic Positioning Sampling Needle

The sampling needle can be automatically positioned and tilted into the diffusion cell for automatic sampling. After that, it can collect the sample solution, and replenish the medium automatically.

Medium Replenishment Cell (Constant Temperature)

During the experiment, the medium to be replenished will be kept at a constant temperature. When replenishment is required, the sampling needle will automatically extract the medium from it and replenish it to the diffusion cell .

User Computer Interface

Our instrument is with 8.4 inch touch screen and pre-installed Raytor operation system, meeting the data integrity requirements.

Dry Heat thermostatic Stirring Device

Our device is with high precision thermostatic heating and stirring function..The automatic sampling experiment of 7 diffusion cells on both sides (14 in total)can be carried out simultaneously.

Sample Collection Rack

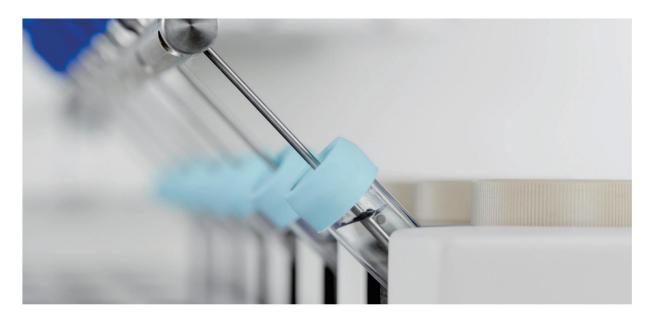Sample collection rack (7×12 position), suitable for liquid phase vials. During sampling, the sampling needle will automatically collect the sample solution into the liquid phase vials.

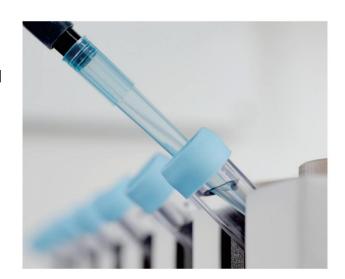# RT800 Automatic Sampling Transdermal Diffusion System

Improved Franz Vertical Diffusion Cell

After improvement, Franz vertical diffusion cell is more portable and durable, and the unique sampling arm design makes the sampling process more convenient and smooth. The volume of the medium in the diffusion cell can be adjusted by using stirring bar with different heights.

Flexible Sampling Method

Users can set the method to control the system for automatic sampling, or manually use the pipette for sampling.

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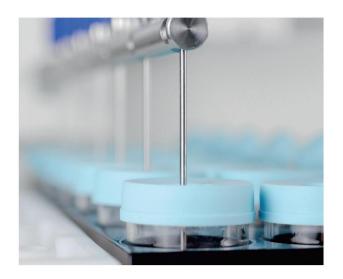Site Web : www.es-france.com

Automatic Sample Collection

After sampling, the sampling needle will automatically move to the designated position of the sample collection rack to collect the sample solution into the liquid vial. It can support the sample collection of 7 diffusion cells on both sides at the same time.

Medium Rewarming & Replenishment

Each diffusion cell is equipped with an independent medium rewarming & replenishment cell, so that the temperature of the replenished medium can meet the requirements while effectively avoiding cross contamination between diffusion cell.

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