



AUTOMATED TRANSDERMAL DIFFUSION CELL SYSTEMS

Used for testing permeation rate for semi-solid drug formulation, topical drug formulation, as well as cosmetic products such as gel, transdermal patches, face masks, lotion, sunscreen etc.

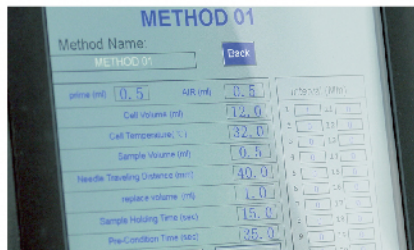
Automated transdermal diffusion cell systems

Automated transdermal diffusion system is made with updated technology. It contains DSC-800 system controller, SCR-DL sample collector and a transdermal diffusion system. It can be used for testing permeation rate of semi-solid dosage and topical drug formulation, as well as cosmetics products such as gel, cream, transdermal patches, face masks, lotion, sunscreen etc.

The system supports data audit tracking, and electric signature. It complies to FDA 21 CFR Part 11 and GMP/GLP requirements.

Model	Features		
913 series	Water jacket heating system	compatible with FDC – 6TA	compatible with 4 transdermal diffusion systems, automated sampling, partial/full sampling
914 series	Dry heat	compatible with DHC – 6T	
918 series	Dry heat	compatible with DHC – 6TD	





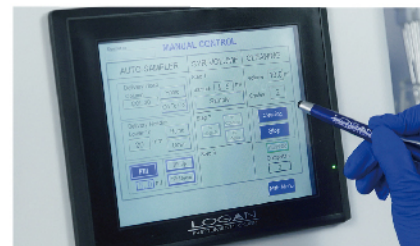
Cell/waste sampling mode

“Cell Mode” is for partial sampling, it cleans tubing and performs media replacement after sampling. “Waste Mode” is for collecting all samples in the cell. It cleans tubing and performs media replacement after sampling.



High accuracy sampling

Sampling accuracy: ± 0.1 ml



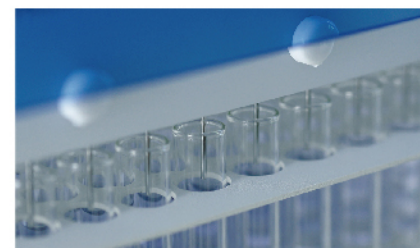
Automatic cleaning

Tubing self-cleaning procedure after experiments



Sample collector

240-position testing tubes and HPLC vials



Multi point sampling

Automated sampling various time intervals



Patented bubble free diffusion cell design

Ensure complete contact skin surface and receptor fluid



Color touchscreen operation

User friendly interface

913 series Automated water jacket heating transdermal system

- Water jacket heating
- Compatible with FDC-6TA
- Can work together with 4 transdermal diffusers
- Automated sampling and automated sample collecting
- Partial/integral sampling



914 series Dry heating automated transdermal system

- Dry heating mode
- Compatible with DHC-6T
- Can work together with 4 transdermal diffusers
- Automated sampling and automated sample collecting
- Partial/integral sampling



918 series Dry heating automated transdermal system

- Dry heat mode
- Compatible with DHC-6TD
- Can work together with 4 transdermal diffusers
- Automated sampling and automated sample collecting
- Partial/full sampling

