

 **25 min**
96 Samples

Stream DP96

Sample Processing System

Stream DP96

Stream DP96 is an automated sample transfer processing system with independent dual-channel pipetting modules. It can transfer 96 samples from primary tubes to 96-well plates in 25 minutes. The automated liquid processing mode integrates tube decapping, barcode scanning, sample transfer, reagent dispensing and tube recapping.

Features



Rapid

96 samples/25 minutes



Safe

High efficiency filtration system/UV light



Flexible

Can be placed in bio-safety cabinet or in the lab.



Convenient

Pre-installed experimental programs/ Compatible with 2 mL, 5 mL or 10 mL screw cup tubes.



Unique

Compatible with one-tube method/ sample pooling mode.

Automatic Scanning and Decapping

Barcode identification, automatic recapping, decapping and transferring can be done with two flexible robot arms.

Primary Sample loading

Place primary tubes with racks in the sample loading area to reduce manual handling.

High Compatibility

Compatible with a variety of 96-well plates, PCR tubes, EP tubes and downstream extraction instruments.

Reduce Biological Risks

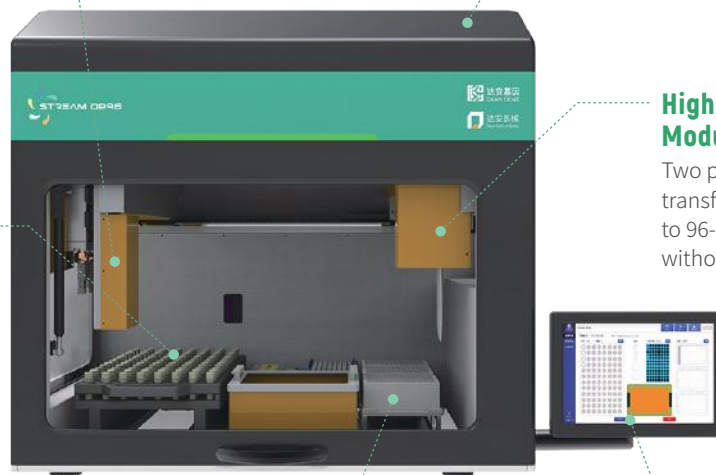
High efficiency filtration system and UV light can ensure a safer operation environment.

High Precision Pipetting Module

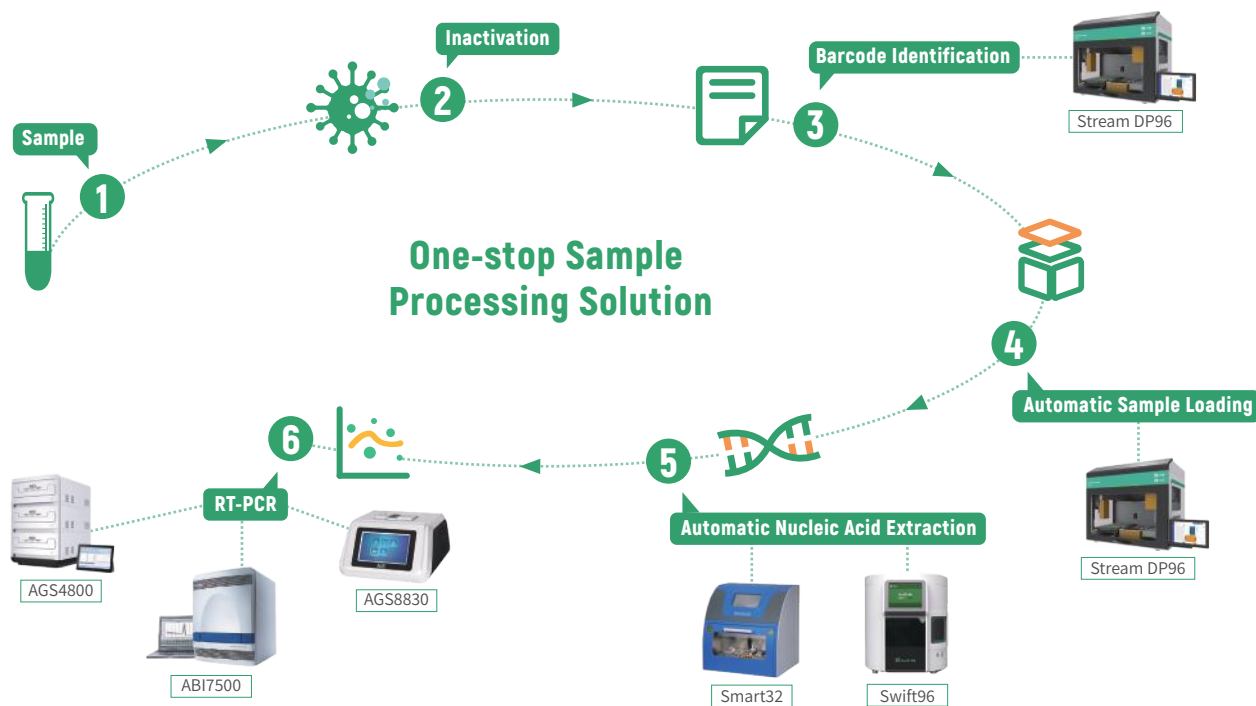
Two pipetting modules can transfer 2 μ L-1000 μ L liquid to 96-well plates or PCR tubes without manual errors.

Visual Operation Screen

User-friendly operation system allows the sample pre-processing steps just with a single-click.



Procedure



Parameters

Throughput	1-96		
Working Mode	Fully automatic recapping, decapping and dispensing.		
Pipetting Volume	2 µL-1000 µL		
Pipetting Performance	5 µL-20 µL	Accuracy: ±5%	Repeatability: ≤3%
	20 µL-100 µL	Accuracy: ±3%	Repeatability: ≤1%
	100 µL-1000 µL	Accuracy: ±1%	Repeatability: ≤1%
Robot Arm Accuracy	X-Y-Z: ≤0.1 mm		
Liquid Level Detection	Liquid level detection and pressure monitoring functions, bubble interference prevention and blockage prompt functions.		
Abnormal Alarm	Sound and light indication of running status, alarm reminder of insufficient reagent and crash.		
Anti-pollution Design	High efficiency filtration system, Exhaust Air Filter, UV light		
Operation Environment	Temperature: 5°C-40°C; Relative Humidity: ≤80%		
Electrical Requirements	a.c.100-240V 50Hz		
Weight	65 kg		
Tube Compatibility	2 mL, 5 mL and 10 mL transport tubes with screw cap.		
Dimensions (LxWxH)	785x540x745 mm		



Decode Genetic Life. Assure Human Health.



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