



H-ACCS-AC



Full sealing of cell culture



Digitization of cell culture



Real-time Traceability

Automatic Cell Culture Workstation

Scope of Application

Suitable for cell storage institutions, such as cell therapy enterprises, biopharmaceutical enterprises, hospitals, universities, research institutes and other institutions of all kinds of cell automatic standardized amplification and preparation.

Innovative Design

- Highly intelligent analysis
- Batch to batch consistency
- Automated cell preparation

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Product Advantages



Highly intelligent analysis

Automatic observation image analysis, including cell contamination, cell culture status, cell real-time count, spread rate calculation automatic analysis to avoid artificial subjective bias, more accurate state judgment



Real-time traceability

The whole process of cell culture preparation is controllable and traceable, with real-time monitoring of cell culture preparation environment, automatic cell observation and online real-time query of cell analysis data



Batch to batch consistency

Standardized cell operation steps to reduce manual error



Integrated module

Comprehensive integration: automatic centrifugation, automatic cell observation, pipette, high throughput culture and other modules, a device with centrifuge, microscope, incubator, safety cabinet and other functions fully integrated.



Widely used

Suitable for usual culture utensils in the market, including: Petri dish (60mm~245mm), culture bottle (T25, T75, T175, T225), culture plate (6-well plate-96-well plate)



Automated cell preparation

Cell observation, cell resuscitation, feeder inoculation, cell fluid replacement, cell passage, cell collection, cell culture

Standardized Cell Preparation



Full sealing of cell culture

Provide a clean environment, reduce artificial interference, reduce the risk of cell contamination, and ensure the safety of cell culture



Digitization of cell culture

The whole process of cell culture and preparation can be digitized through the Internet of Things data center, and multi-port data query can be supported



Automation of cell preparation

Custom SOP for cell preparation replaces manual procedures to achieve standardization and automation of cell preparation and amplification, improves cell uniformity and quality, Reduces manual deviation

Specifications

Product Model		H-ACCS-AC
Basic Information	Dimensions (W*D*H)(mm)	3190*2200*1900
	Weight (Kg)	2250
	Dimensions of Electric cabinet (W*D*H)(mm)	1190*670*1950
	Weight of Electric Cabinet (Kg)	150
Automatic Culture Module	Culture Capacity	T75 culture bottle/120 culture stations
	Temperature Control (°C)	Range: RT +5~45 Control error: ±0.5
	Humidity Control	Saturation humidity ≥85% after stability (passive humidification)
	CO ₂ Concentration	Concentration range: 0~20% Control error: ±1.0
Automatic Observation Module	Disinfection Parameter	140°C dry heat sterilization
	Objective Index	4*/0.10/17.15mm (standard), 40mm*/0.60/2.5 (optional), 10mm*/0.25/4.3 (optional), 20mm*/0.40/8.0 (optional)
Clean Environment	Anemometer (m/s)	0 - 1, ±0.2
	Environmental Cleanliness	Cleanliness level 100

*Haier Biomedical reserves the right to change products and specifications without prior notice.