bitstrong

Specification

Model		HYC-361	HYC-361 Scanner Cabinet	HYC-61
Technical Data Cabinet Type		upright	upright	upright
Climate Class		N	N	N
Cooling Type		Forced Air Cooling	/	Forced Air Cooling
Defrost Mode		Manual+ Auto defrost	/	Manual+ Auto defrost
Refrigerant		R600a	/	R600a
Sound Level(dB(A))		≤40	/	≤35
Performance Temperature Range(°C)		2~8	/	2~8
Controller		Microprocessor	/	Microprocessor
Control Display		/	10.1 inch touch screen	10.1 inch touch screen
Electrical Data Power Supply(V/Hz)		220-240V/50Hz	/	220-240V/50Hz
Power(W)		235W	/	205W
Electrical Current(A)		1.62A	/	1.51A
Dimensions Capacity(L/Cu.Ft)		361/12.75	/	61/2.15
Net/Gross Weight(approx)	kg	116/139	36/42	80/90
	lbs	363/435.6	79.4/92.7	176/215.6
Interior Dimensions(W*D*H)	mm	530*555*1380	/	560*430*630
	in	20.8*21.9*54.3	/	22*16.9*24.8
Exterior Dimensions(W*D*H)	mm	665*710*1965	315*710*1965	600*600*935
	in	26.2*28*77.4	12.4*28*77.4	23.5*23.6*36.8
Packing Dimensions(W*D*H)	mm	690*790*2110	420*744*2042	652*660*968
	in	27.2*31.1*83.1	16.5*29.3*80.4	25.7*26.3*38.1
Container load (20'/40'/40'H)		23/46/46	/	54/102/102
Alarms High/Low Temperature		Y	/	Y
Remote Alarm		Y	/	Y
Power Failure		Y	/	Y
Sensor Error		Y	/	Y
Low Battery		Y	/	Y
Door Ajar		Y	/	/
Accessories Caster		Y	/	Y
Foot		Y	/	Y
Porthole		Y	/	/
Drawers/Quantity		Y/7	/	Y/8
USB Interface		Optional	/	/
Temperature Recorder		/	/	/
Certification		Registeration certification for medical equipment /CE	/	Registeration certification for medical equipment /CE

Product appearance and specifications are subject to change without notice

bitstrong Biomedical

bitstrong U+ Vaccine, an Smart Vaccination Solution

Zero error upon accurate vaccine dispensing, and high traceability upon cold chain monitoring；

Information about vaccines and vaccination is real-time uploaded to the cloud platform, to realize the fully automatic quick vaccination based on the unobstructed data communication；

The management of the smallest package units and the verification based on multiple data can ensure the absolutely safe vaccination.
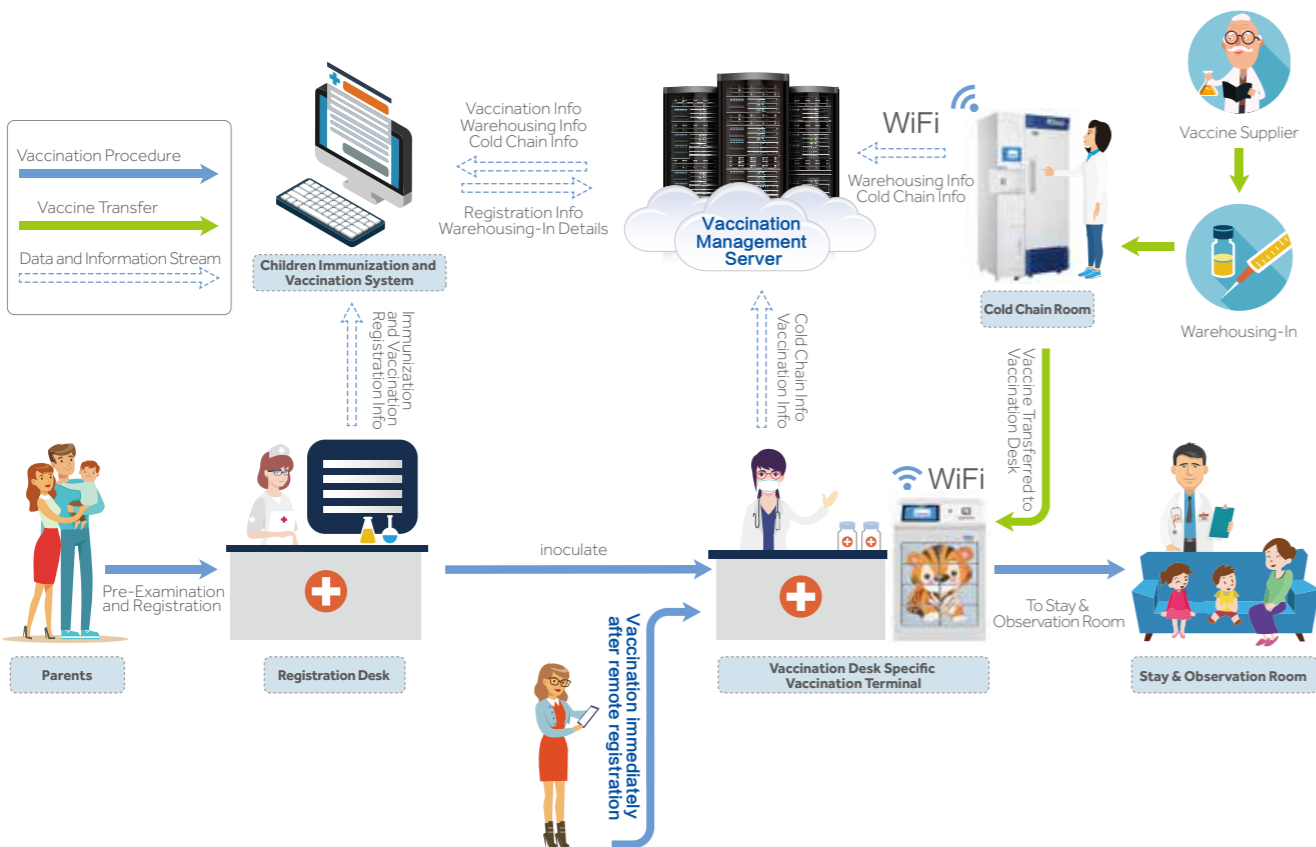

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About Haier Smart Vaccine

bitstrong releases the Smart Vaccination Solution by upgrading the conventional child vaccination workflow to adopt advanced technologies of information, automation and intelligence based on the IoT technologies. By connecting and leveraging the existing digital outpatient service system, the vaccination can be started and completed in such a manner: after the vaccination record is scanned during the vaccination flow, the IoT based vaccination refrigerator will automatically eject the required vaccine, then check it by rescanning to ensure accurate vaccine dispensing and eliminate any errors in combination with the standardized vaccination procedures. The vaccination records will be real-time uploaded to the system.

Smart Vaccine Safe Vaccination Solution

Three Major Advantages upon Safe and Worry-free Intelligent Management

• Right persons: end-to-end visibility and transparent information
• Right vaccines: the vaccines will be ejected automatically and checked for many times to ensure that the right ones are used
• Exchange of vaccine, child and vaccination information, end-to-end visibility and transparency, and immediate freezing of vaccines upon expiration or in question, to ensure high reliability of vaccination

Smart Vaccine Storage Solution

Vaccine storage management is an essential step to ensure vaccine safety. However, most of the vaccine storage refrigerators used by the vaccination stations are household refrigerators or ordinary medical refrigerators, without storage management functions, so that it is difficult to realize the first-in-first-out management. The vaccine management largely relies on pens and paper, which is time-consuming and laborious. In order to solve such problems, an Intelligent vaccine preservation refrigerator is introduced.

Smart Vaccine Refrigerator

Smart Vaccine Preservation Refrigerator and Smart Vaccination Refrigerator are used and provided with a VIMS software management system to provide the best experience of vaccination to all children.

1 Smart Vaccine Preservation Refrigerator can solve the low work efficiency of nurses in manual inventory-taking and warehousing-in / out operations by leveraging the classification based storage, electronic regulatory code based management, data and information stream management.

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Classification based storage	The smallest package units	Data and information streams
Each standard refrigerator is provided with 21 compartments in 7 layers. Each compartment can distinguish different lots of vaccines by applying specific first-in-first-out rules. Different kinds of vaccines can be stored upon such classification to effectively reduce the errors during the warehousing-in / out operations.	The warehousing-in/out operations are verified based on the electronic regulatory codes to realize the full digitalization and automation of vaccine management, and guarantee the accuracy and validity of vaccine storage data.	The data can be exchanged timely between the cold chain room and the vaccination desk. Center for disease control server through the vaccination management server, so that the center for disease control can real-time monitor all vaccines stored by each vaccination station.

2 The Smart Vaccination Refrigerator can reduce the workload of nurses during the dispensing and checking of vaccines based on the automated accurate vaccine dispensing, the minimum temperature fluctuation, reconfirmation of vaccine information, integrated nurse station and other function, to realize the electronic information aiding system ensuring zero vaccination error.

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Automated accurate vaccine dispensing	Reduce temperature fluctuation	Rechecking of vaccine information	Integrated nurse workstation
The vaccine will be ejected automatically after the Vaccination Record is scanned; The Regulatory Code will be scanned automatically to reconfirm the information of vaccine, including the inventory, expiration dates and cold chain early warnings; The time of dispensing can be shortened, and the rate of vaccination errors can be reduced effectively.	The refrigerator is divided into 8 independent chambers, and the small door of each chamber can be opened for taking out the vaccine required as quick as possible, to minimize the door opening time. The internal temperature fluctuation can be minimized to ensure the safe storage of vaccines.	The warehousing-in/out and dispensing of vaccines can be verified by using the electronic regulatory codes. The vaccination can be conducted only after the vaccine to be used is verified by scanning the code. This function can guarantee the accurate vaccination effectively.	The queue management, vaccination management, vaccination information input, real-time cold chain control and authorization management are integrated into the vaccination desk vaccine refrigerator. Multiple tasks are centralized to streamline the overall management.