



Changshu Catec Electronic Intl Ltd

#188 Suzhou Road, Yushan Hi-Tech Park, Changshu-city 215500, Jiangsu, China

Tel:+86-512-52899768 Fax:+86-512-52780868 Service line: 400-6099-878 URL: www.labprovide.com

Email: catec@labprovide.com

Skype: cscatec2012,natalie213@hotmail.com,terryoKing



Keeping your items secure from

humidity fire and harmful theft oxidation chemical and dust erosion



COMPANY PROFILE

We are manufacturer for safety equipment like safety cabinets, fume hoods, dry cabinets, n2 gas cabinets, drying ovens, auto lockers and other electronic appliances that can keep your items secure from fire and explosion, harmful pollution, humidity damage, theft or dust etc. With modern manufacture machines, advanced technology and strict quality control in production and constant technical innovating, our products are welcomed all over the world for industries of electronics, military projects, chemical engineering, research institute, lighting, optics, pharmacy, and so on.

CATEC SAFETY EQUIP, HOLDING YOUR SAFETY STORAGE CONCERNS

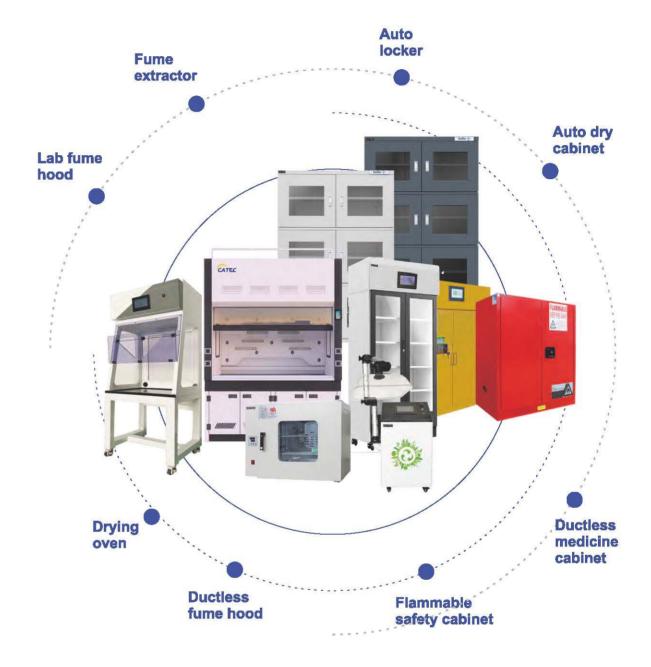
















DUCTLESS SMART FILTRATION FUME HOOD



Functions







Overall filtering system



Air intake to create new circulation



clean the working space air



Technical details

Spec	CFS-DS800	CFS-DS1000	CFS-DM1275	CFS-DM1600	CFS-DL1600
Outer Size (W*D*H/mm)	800*620*1290	1000*620*1315	1275*620*1340	1600*620*1340	1600*790*1495
Inner Size (W*D*H/mm)	764*540*860	971*512*885	1172*522*866	1172*522*866	1497*692*1014
Filtering Rate	230m³/h 0.4-0.6m/s	230m³/h 0.4-0.6m/s	230m³/h 0.4-0.6m/s	460m³/h 0.4-0.6m/s	690m³/h 0.4-0.6m/s
Power	220V-240V 50/60Hz	220V-240V 50/60Hz	220V-240V 50/60Hz	220V-240V 50/60Hz	220V-240V 50/60Hz
Avg. Power	42W 3A	42W 3A	42W 3A	42W 3A	42W 3A
Volume	40dBA	40dBA	40dBA	40dBA	40dBA
Other Details	filter*1 set fan*1 power cord alan	LED light*1 7 inch ning system	LCD display epoxy res	in worktop	
Parts Options		e ceramics/SS/temper	red glass worktop gas filter, integrated filter	r	

-02-

LAMINAR FLOW CLEAN BENCH



Features

- 1. Applicable for experimental protection of biotechnology, pharmaceutical, life sciences and precision electronics.
- Excellent airflow mechanical design to create a partial purification of working environment to ensure that experiments to be carried out successfully.
- 3. Designed as per standards of EN12469 and AS1386.5, clean grade per IS014644.1CL ASS5 (U.S. Federal 209E, 100 level).
- 4. CE and RoHS certified, factory IS09001 certified.
- 5. Advanced filtration system with AAF high efficiency filter with clapboard HEPA to catch pollution particles, of which the retention efficiency is ≥99.995%@MPPS, class H14 per EN1 822, pressure drop 110Pa+15%@0.45m/s, size 570*1170*59mm.

- 6. Made of quality 8mm PP, polypropylene, with excellent anticorrosion, better than the hood made of metal.
- User-friendly design, with sterilization, lighting, interlock mechanism to protect the operator from UV light burning and ensure safe operation.
- 8. Wind speed multi-level and the air volume are adjustable as per demand.
- Centrifugal wind wheel low-power motor, based on airflow mechanics principle, arc-shaped large-diameter inlet design to reduce turbulence for low noise in operation.
- Reasonable duct design, optimized net press box, with micro-mesh design layer outflow wind deflector, convex, no dead ends, for uniformity and stability of the airflow.

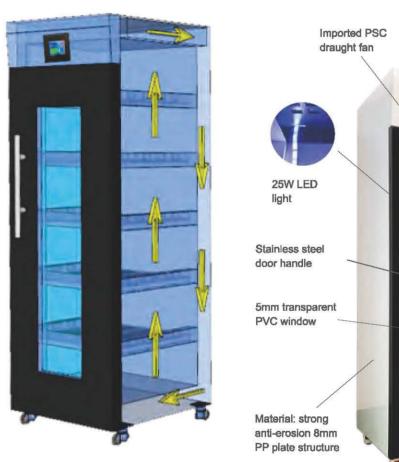
Technical details

Spec	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)	Filtering Efficiency	Pressure Drop	Work Top Material	Power
CFS-CBW1500	1500*750*2000	1200*730*1600	≥99.995% @MPPS	110Pa±15% @0.45m/s	SUS304 stainless steel	220V-240V 50/60Hz

-03-



DUCTLESS SMART FILTRATION MEDICINE CABINET





Technical details

Air circulation diagram

Spec	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)	Filtering Rate	Power	Volume	Other Details	Parts Option
CFS-G800P	800*510*2170	710*450*1750	220m³/h	220V/50Hz 76W 3A	160bottles (500ml)	Filter*1 set fan*1 PP tray*5 LED light*1 7 inch LCD display alarming system	spare PP tray spare filter

-04-

DUCTLESS SMART FILTRATION MEDICINE CABINETS



Technical details

Spec	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)	Filtering Rate	Power	Volume	Shelf	Other Details	Parts Option
CFS- G800	800*510 *2150	760*432 *1720	220m³/h	220V/50Hz 76W 3A	160bottles (500ml)	PP tray*10	filter*1 set	
CFS- G1600	1600*510 *2150	1560*432 *1720	220m³/h	220V/50Hz 110W 3A	320bottles (500ml)	PP tray*10	fan*1 LED light*1 7 inch LCD display alarming system	spare PP tray galvanized steel shelf spare filter
CFS- GS819	819*354 *725	753*322 *519	75m³/h	220V/50Hz 42W, 3A	48bottles (500ml)	PP tray*2		

-05-



DUCTLESS FLAMMABLE REFRIGERATOR WITH SMART FILTRATION SYSTEM

Flammable material refrigerators or freezers are designed to prevent ignition of flammable vapors inside the storage compartment. The flammable liquid is defined by the fire code of the flash point less than 100°F (38°C). In the biochemical research, low temperature storage is the solution to maintain biological activity. With filtration system installed, CATEC flammable refrigerator will not only keep the stored chemicals safe, but also protect the researchers safe from the pollution.





Part No.	CFS-JL518F
Dimension	Outer size: W690*D661*H2072mm, Inner size: W545*D550*H1430mm(subject to ±3% difference for different lots)
Filtration system	Special designed outside loop filtration system, to keep your laboratory away from pollution that caused by stored reagents. As per standard of ASTM, for particles of 0.3um, the filtration rate is up to 99.995%.
Refrigeration system	Default refrigeration target is 5°C. The resettable temperature range is 0°C~RT (room temp.). Users can reset the refrigeration target as per their demand. Twin-motor system to avoid the mutual interference of refrigeration and filtration and to enable the smooth air circulation.
Max filtration capacity	240m³/h
Inner cubage	0.4m³
Storage capacity	64 bottles (500ml/bottle)
Max power	76watt
Max current	3A
Noise	40dba
Net weight	70kg (subject to ±5% difference for different lots)
Power output/input	Output 24V DC, input 100~240V.
Cabinet material	Aluminum alloy profile cabinet, acrylic window
Shelf loading	25kg
Locking system	Electric locking system with code reading via the touch screen
Material holding plank	4 pcs SS planks with option of PP trays
LCD Control screen	1.Smart control system via LCD 7' touch screen, with resolution 800*480, and with operation instruction attached for user's easy working. 2.Real-time monitoring for temperature/humidity and VOC (volatile organic compounds), any of which reaches the set limitation, the buzzer will ring for alarming. 3.Auto switching blower when VOC1 or VOC2 reaches the set limitation, which can be shut off manually. And the volume of fanning will be based on the pollution degree. 4.Filter working life monitoring, with defaulted working life as 20000hrs (resettable) to be cut down when working 5.Display error:±2%RH / ± 0.2 °C。

-06-

FUME HOOD

Features

- 1. Fume Hood, also called fume cupboard or fume cabinet: main structure is made of high quality PP board, perfect for resisting corrosion and heat. It is applicable to various kinds of laboratories with high requirement for cleanliness, for example: pharmaceutical laboratory, food laboratory, semiconductor laboratory, trace metal laboratory, biology laboratory, etc. It is widely used in the industries such as chemical, medical, car, steel plant, university and pharmaceutical scientific research institute.
- 2. Panoramic view sash: vertical movable 5mm tempered glass, low turbulence, easy positioning.
- 3. Worktop: PP board, optional for epoxy resin, or ceramics for specific needs.
- 4. Lighting: 30W/40W fluorescent lamp and switch.
- 5. Power: AC220V,50-60HZ, or as demanded.
- 6. Exhaust system: subuliform gas collecting hood.









Technical details

Model spec.	CF1200	CF1500	CF1800			
Outer dimension (L*W*H)	1200*850*2350mm	1500*850*2350mm	1800*850*2350mm			
Max door open		820mm(vertically adjustable)				
exhaust flux at air speed 0.5m/s	23.4CMM/840CFM	30.6CMM/1100CFM	50.8CMM/1825CFM			
Working board material		ess 8MM, bending designed to avo d physiochemical board or epoxy re				
operation window	Transparent tempered glass, thickness 5MM					
Gas collecting hood	Conical necking type					
Standard parts						
Lighting device	All cover fluorescent 30Wx1	All cover fluorescent 30Wx1	All cover fluorescent 40Wx1			
Power socket		AC220V/10A X 4pcs				
Power switch board	For light	, operation panel and general on/of	f control			
Remote control water valves		For pure water and pipe water				
PP sink		1pcs				

Cups, sinks, air cocks, water cocks, air blowers, power sockets, explosion-proof lighting, Venturi valve control, Butterfly valve control, converter control, touch pad, Surface wind speed detection, sound and light alarm, etc.

-07-



POLYPROPYLENE CHEMICAL CABINET



Functions



White PP board, with strong acid and alkali resistance and anti-corrosive characteristics.



Special designed cabinet top, available for working table



Two padlocks design, for higher level security.



The layer is removable and adjustable for improving the space



Reduce environment pollution, and protect safety of operator.

Technical details

Spec	Capacity (litre)	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)	Welght(kg)	Parts
CFS-P004	15	430*430*560	350*330*460	34	one door/manual, 1 PP shelf.
CFS-P012	45	590*460*890	510*360*790	60	two padlocks
CFS-P022	83	600*460*1650	520*360*1550	90	two doors/manual, 1 PP shelf.
CFS-P030	114	1090*460*1120	1010*360*1020	100	two padlocks
CFS-P045	170	1090*460*1650	1010*360*1550	138	
CFS-P060	207	860*860*1650	780*760*1550	165	two doors/manual, 2 PP shelves, two padlocks
CFS-P090	340	1090*860*1650	1010*760*1550	190	tiro padioono
CFS-MP900	170	900*450*1800	820*350*1700	160	two /four doors/manual 2 PP shelves
CFS-CP900	170	900*450*1800	820*350*1700	160	two /four doors/manual 2 perforated shelves

-08-

FLAMMABLE SAFETY CABINET



-09-

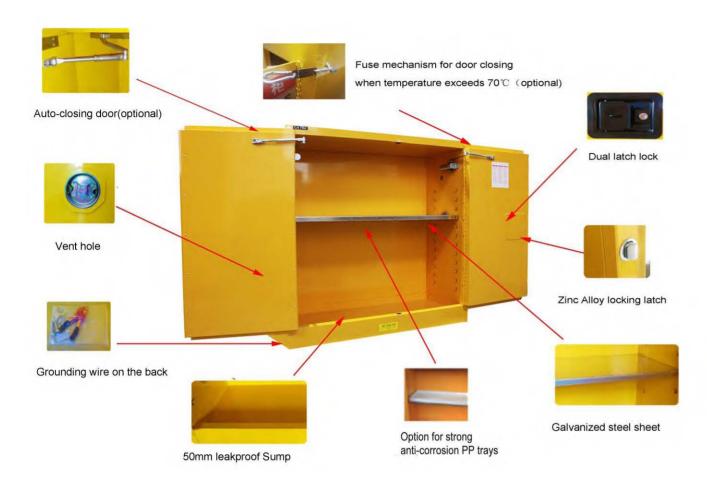


OPTIONAL SPECIAL DESIGNS

Yellow indicates flammable liquids

Red indicates combustible liquids

Blue indicates weak acids and weak bases





Technical details of flammable safety cabinet

Model name	Material	Length (mm)	Width (mm)	Thickness (mm)	Applicable spec	Remarks
Shelf	Galvanized steel sheet	348	330	25	CFS-G004	
Shelf	Galvanized steel sheet	508	360	25	CFS-G012	
Shelf	Galvanized steel sheet	1008	360	25	CFS-G030 CFS-G045	For STD spec
Shelf	Galvanized steel sheet	778	760	25	CFS-G060	
Shelf	Galvanized steel sheet	1008	760	25	CFS-G090	
Pallet	Galvanized steel sheet/PP board	340	330	10/58	CFS-G004	
Pallet	Galvanized steel sheet/PP board	500	360	10/58	CFS-G012	
Pallet	Galvanized steel sheet/PP board	1000	360	10/58	CFS-G030 CFS-G045	For options
Pallet	Galvanized steel sheet/PP board	770	760	10/58	CFS-G060	
Pallet	Galvanized steel sheet/PP board	1000	760	10/58	CFS-G090	

Model name	Capacity (Ilters)	Outer dimention (W*D*H/mm)	Inner dimention (W*D*H/mm)	Welght (kg)	Parts
CFS-G004	15	430*430*560	350*330*460	34	One door/manual, 1 shelf, one earthing cable
CFS-G012	45	590*460*890	510*360*790	60	One door/manual, 1 shelf, one earthing cable
CFS-G022	83	600*460*1650	520*360*1550	90	One door/manual、3 shelves one earthing cable
CFS-G030	114	1090*460*1120	1010*360*1020	100	2 doors/manual, 1 shelf, one earthing cable
CFS-G045	170	1090*460*1650	1010*360*1550	138	2 doors/manual、2 shelves, one earthing cable
CFS-G060	207	860*860*1650	780*760*1560	165	2 doors/manual, 2 shelves, one earthing cable
CFS-G090	340	1090*860*1650	1010*760*1550	190	2 doors/manual, 2 shelves, one earthing cable

-10-



DRUM SAFETY STORAGE CABINET

Drum safety cabinet is specially used for the storage of one or two international standard vertical drums.

Unique double-wall design and explosion-proof function make sure the safety of environment.

Optional single or double drum rollers at the bottom for easy moving.

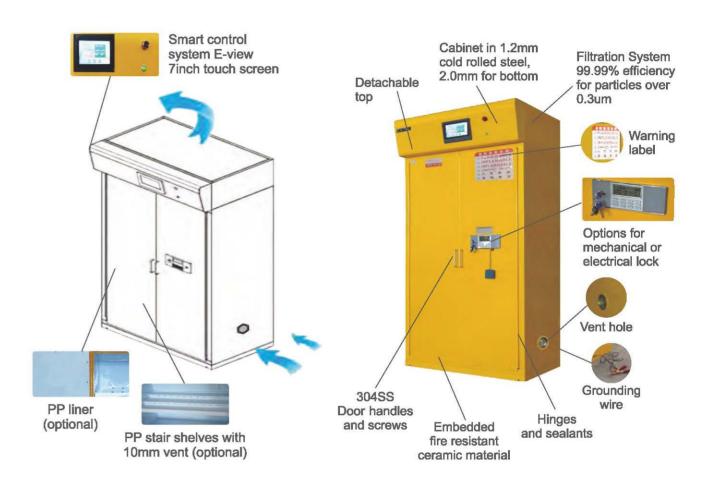


Technical details

Spec	Capacity (gallon)	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)	Weight (kg)	Door Type	Parts	
CFS-55OS	60	860*860*1650 780*760*155		195	manual	two doors one shelf	
CFS-55OSA	00	000 000 1000	700 700 1000	193	auto closing	one earthing cable one drum roller	
CFS-1100D					manual	two doors one shelf	
CFS-110ODA	110	1500*860*1650	1420*760*1550	355	auto closing	one earthing cable two drum rollers	

-12-

SMART FLAMMABLE & HAZARDS SAFETY CABINET



Technical details

Spec	Outer Size (W*D*H/mm)	Power	Capacity	Color	Shelf qty	Other Details	Parts Option
CFS-ZY030	1090*460*1400		yellow 30 gallon galvanized		galvanized	galvanized	
CFS-ZB030	1000 400 1400	220V/50Hz 40W 2A		blue	steel board*1	electric secure lock Filter*1set fan*1	PP liner PP stepped
CFS-ZY045	1090*460*1930	yellow 0 45 gallon galvanize	galvanized	power line	shelves spare shelf spare filter		
CFS-ZB045	1090 400 1930		43 gallon	blue	steel board*2		

-13-



GAS CYLINDER STORAGE CABINET











Features

- Welded 1.2mm thickness steel, designed to meet international standards of OSHA and NFPA (CODE30).Double-walled steel structure for fire proof.
- Explosion-proof cabinet with explosion-proof glass windows and all the other accessories are explosion-proof.
- 3. Industrial special locking system for security.
- Vent hole on the side of the cabinet to ensure the gas flow in the cabinet.
- Quality fixed belts to keep the gas cylinder stand firmly.
- 6. Special options:
- Combustible gas detection alarm: when the gas alarm detects that the gas concentration reaches the critical point of the lower or upper explosion limit, it will send out an alarm signal.
- Special gas detection alarm: select special gas detection alarm device according to the storage condition of gas cylinder, with high sensitivity and accuracy, more safe and reliable.
- Automatic exhaust system: When the sensor in the cabinet detects the gas leakage and gives an alarm, the top fan will automatically work to discharge the gas out of the room through the exhaust pipe.
- Alarming system for temperature or humidity limitations.
- Smoke alarm: alarm when the inside smoke concentration exceeds the setting value.
- Auto-closing door(optional).
- Adjustable fold down ramp, for easy loading or unloading the gas cylinder.

Technical details

Spec	Outer Size (W*D*H/mm)	Weight(kg)	Gas Cylinder	Door Type	Options
CFS-GC101	600*450*1900	63	single	single	alarm blower
CFS-GC102	900*450*1900	90	double	double	auto-closing door



Features

- 1. Epoxy ESD coated 1.2mm galvanized steel structure, endurable lead free paint, strong anti-erosion.
- 2. 7 inch LCD touch screen panel, smart control for real time VOC, temperature and humidity movement, with resettable alarming system.
- 3. High efficiency filtration system as per ASTM standard for acid and alkali gas(filtration rate 99% for VOC), also 99.995% filtration rate for particles over 0.3um.
- 4. Imported PSC fan made in USA, stable functioning, ultra-low noise, and no static sparkle.

Technical details

Spec	Outer Size (W*D*H/mm)	Fan installed (pcs)	Filters (Layer)	Filtration Capacity(m³/h)	Power (W)	Noise	Gross Weight (kg)
CFS-MX600	600*460*460	1	4	240	160	≤60db	37.5

-14-



DRYING OVEN FOR HIGH TEMPERATURE BAKING



Application: for drying, baking, temp testing, heat aging, or sterilizing in mining industries, electronics, labs, research institutes, and other industries.



Safety structure mirror, stainless steel made inner container, and high quality steel for outer cabinet.



LED display and microcomputer control, LCD display optional.



Variety of blast drying ovens, vacuum drying ovens, incubators, and constant temperature/humidity cabinets, for your options!



Nano-material for door sealing and insulation on material for heat preservation.



Door glass with wide view for user's observation convenience.



VERTICAL VACUUM DRYING OVEN (250°C)



VERTICAL BLAST DRYING OVEN (250°C)



DRYING OVEN (400°C)



DESK TYPE VACUUM DRYING OVEN (250°C)



DESK TYPE BLAST DRYING OVEN (250°C)

Model name	Spec	Inner Size (W*D*H/mm)	Outer Size (W*D*H/mm)	Technical parameters	Shelf qty (pcs)
	DCTG-9023A	300*300*270	580*480*440		2
	DCTG-9053A	420*350*350	700*530*520	RT+10-250℃, AC220V,50Hz,	2
Desk-top blast drying	DCTG-9123A	550*350*550	830*530*720	error 0.1°C/±0.5°C, 500-1050W	2
oven	DCTG-9203A	600*550*550	880*730*770		2
	DCTG-9025A	300*300*270	580*480*440		2
	DCTG-9055A	420*350*350	700*530*520	RT+10-300℃, AC220V,50Hz,	2
	DCTG-9125A	550*350*550	830*530*720	error 0.1°C/±0.5°C, 500-2100W	2
	DCTG-9205A	600*550*550	880*730*770		2
	VCTG-9030A	340*320*320	490*500*560		2
	VCTG-9070A	400*350*500	550*530*760	RT+10-250°C, AC220V,50Hz, error 0.1°C/±0.5°C, 500-2100W	2
	VCTG-9140A	550*450*550	700*650*810	timing 0-9999min	2
	VCTG-9240A	500*600*750	650*800*1010		2
Vertical blast drying	VCTG-9420A	600*550*1300	750*750*1560		3
oven	VCTG-9620A	800*600*1300	950*800-1560	RT+10-250°C, AC220V,50Hz, error 0.1°C/±0.5°C, 500-6000W timing 0-9999min	4
	VCTG-9920A	1000*600*1600	1150*800*1860		4
	VCTG-9425A	340*320*320	490*500*560		3
	VCTG-9625A	400*350*500	550*530*760	RT+10-300°C, AC220V,50Hz, error 0.1°C/±0.5°C, 4000-7500W timing 0-9999min	4
	VCTG-9925A	550*450*550	700*650*810	·	4
	VCTF-6020	300*300*275	580*450*450		1
	VCTF-6030	320*320*300	630*510*460	RT+5-250°C, AC220V,50Hz, error 0.1°C/±0.5°C, 500-3500W	1
Vacuum	VCTF-6050	415*370*345	720*525*535	timing 0-9999min vac.degree 133pa	2
drying oven	VCTF-6090	450*450*450	615*590*1470		2
	VCTF-6210	560*640*600	720*820*1750	RT+10-250°C, AC380V,50Hz,	3
	VCTF-6250	700*600*600	1050*760*910	error 0.1°C/±0.5°C, 4100-5500W timing 0-9999min vac.degree 133pa	3

-16-



Model name	Spec	Inner Size (W*D*H/mm)	Outer Size (W*D*H/mm)	Technical parameters	Shelf qty (pcs)
	HCTG-9030A	320*320*300	560*520*700		2
High-temp	HCTG-9050A	410*350*350	640*600*695	100-250°C,220V,50Hz, error 0.1°C/±0.5°C,	2
blast drying oven	HCTG-9100A	450*450*450	690*750*650	2000-5500W timing 0-9999min	2
	HCTG-9200A	600*600*600	945*850*840		2

Vacuum Pump Technical Data

Model		DM2	DM4	DM8	DM15
Displacement speed(L/S)		2	4	8	15
	without gas ballast	≤4X10²	≤4X10°²	≤4X10²	≤4X10²
Ultimate partial pressure(Pa)	with gas ballast	≤8X10²	≤8X10 ⁻²	≤8X10°²	≤8X10²
	without gas ballast	≤5X10 ⁻¹	≤5X10 ⁻¹	≤5X10 ⁻¹	≤5X10 ⁻¹
Ultimate total pressure(Pa)	with gas ballast	≤8X10 ⁻¹	≤8X10 ⁻¹	≤8X10 ⁻¹	≤8X10 ⁻¹
Nolse Lp/Lw dB(A)		52/63	54/65	58/71	59/72
Inlet port(DN)		25KF	25KF	40KF	40KF
Outlet port(DN)		25KF	25KF	40KF	40KF
Oil filling(L)	W BASIN W PROJECT W BASING PROSACE W WOOL	1.1	1.5	3	4
Rotational speed of pump(r/min)	A PRODUCT OF THE PROD	1400	1430	1400	1420
Motor power(kw)		0.37	0.55	1.1	1.5(2.2)
Weight(kg)		24	31	60	70
Overall dimensions(mm)		510*174*274	550*174*274	650*236*383	700*236*38



CUSTOMIZED VACUUM DRYING OVEN

Safety Guarantee System:







Under phase and phase loss protection



Over current protection



Prompt fusing system

Grounding protection





Technical details

3

Characteristics	VCTF-6600N	VCTF-6500N		
Dimension: W*D*H(mm)	Outer:850*1080*2050 Inner:680*900*990	Outer:790*1310*1850 Inner: 630*810*845		
Plank qty (pcs)	3	3		
Temperature range	RT+10~250°C			
Temperature resolution	0.1 ℃			
Temperature fluctuation	± 0.	1℃		
Consume power	950	OW		
Vacuum degree	<13	3Pa		
Power Input	AC 380V±109	% / 50Hz±2%		

Features

- 1. Vacuum oven is designed specially for drying of material which is thermo-sensitive or decompounded and oxidative easily. Your materials will be processed correctly in the closed vacuumed space to bear the high temperature baking for resettable time as demanded.
- 2. The oven shell is made of high-quality cold-rolled steel plate, sprayed with electro static powder.
- 3. The working space is made of 304 stainless steel, with rounded corners, smooth and easy to clean.
- 4. Between the shell and the working room, filled with ultra-fine glass wool insulation materials, double-layer glass structure, for easy observing and heat insulation, keeping the operators safe from high temperature burning.
- 5. Strengthened glass door with heat-resistant rubber sealing ring to ensure a high vacuum in the
- 6. Temperature control by microcomputer intelligent digital technology, to ensure high temperature control accuracy, strong anti-interference and convenient operation.

-18-



DRY CABINET FOR HUMIDITY CONTROL STORAGE



Display Panel



U type: ultra low humidity control, less than 5%RH



Features

- 1. LED display, imported humidity sensor with error of ±3%RH.
- Quality 1mm and 1.2mm cold rolled plate, reinforced structure design, high intensity bearing, every shelf can bear over 100kg.
- 3. 3.2mm toughened glass.
- 4. Zinc alloy lock with air press.
- RoHs certified powder coating technology with Dupont powder, high anti-erosion performance to avoid your stored goods from pollution and static shock.
- 6. AC power 85V-265V 50/60Hz, compatible for worldwide application.
- 7. Smart control system and re-settable target humidity.

- Compliant with IPC/JEDEC J-STD-033B, and CE certified.
 Additional options to be added:
- Data logging system by USB connection
- Security code lock
- Humidity/temp alarm system with buzzer or light tower
- Heating system up to 40°C or 60°C
- Nitrogen purging system
- Independent segregated compartments
- Stainless steel cabinet

Relative Humidity	Sultable Items for storage
A/60~50%RH	Paintings, antiques, paper money, old books, Fax paper, copy paper, etc.
A/50~30%RH	Cameras, CD, LD, technical drawing, video cameras, lenses, microscopes, endoscopes, binoculars, magnetic tapes, disks, records, films, negatives, positive films, musical instruments, stamps, furs, medicina materials, tea, coffee, cigarette, leather goods, etc.
A/30~20%RH	Precision dies, measurement instruments, all electronic parts to be stored within 45days, normal PCB, phosphor, metallic powders, semiconductors, medical supplies, etc.
B/20~10%RH	Precision electronic parts to be stored within 90days, IC, BGA, special chemicals, lead free PCB, photo couples, XTL, SCR, special samples, measuring tools, seeds, pollen, seedlings, etc.
C/10~1%RH	Materials which are typically sensitive to humidity, e.g., high precision IC, BGA, silver articles, copper articles, etc.
U/5~1%RH	Extremely humidity sensitive device with materials that are likely to go oxidized like silver, brass, bronze, tungsten, etc., and nitrogen condition is recommended most often.

-20-

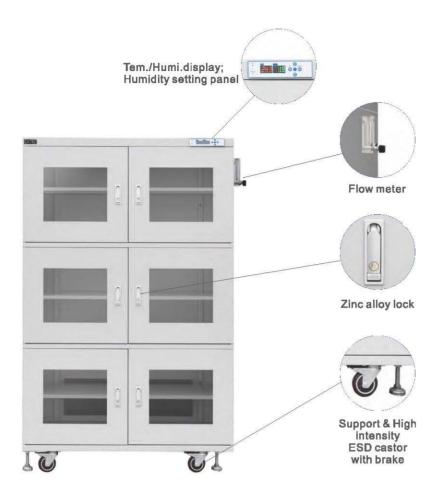
Capacity	Non-ESD	Anti-ESD	Controlled Humidity (RH)	Average Power (W)	Maximum Power (W)	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)
	DRY98A	DRY98EA	20-60%	5	80		
98L	DRY98B	DRY98EB	10-20%	6	90	44044004000	4.4040.704500
JUL	DRY98C	DRY98EC	1-10%	8	130	448*400*688	446*372*598
	DRY98U	DRY98EU	1-5%	8	170		
	DRY160A	DRY160EA	20-60%	5	120		
1001	DRY160B	DRY160EB	10-20%	6	120	440*450*4040	446*422*848
160L	DRY160C	DRY160EC	1-10%	8	130	448*450*1010	
	DRY160U	DRY160EU	1-5%	10	170		
	DRY240A	DRY240EA	20-60%	5	120		
240L	DRY240B	DRY240EB	10-20%	6	160	E00*400*4240	E00+272+4440
2102	DRY240C	DRY240EC	1-10%	8	170	598*400*1310	596*372*1148
	DRY240U	DRY240EU	1-5%	10	170		
	DRY320A	DRY320EA	20-60%	5	120		
320L	DRY320B	DRY320EB	10-20%	6	130	00004504040	00004000040
320L	DRY320C	DRY320EC	1-10%	8	170	900*450*1010	898*422*848
	DRY320U	DRY320EU	1-5%	10	170		
	DRY435A	DRY435EA	20-60%	6	160	900*600*1010	898*572*848
4051	DRY435B	DRY435EB	10-20%	5	130		
435L	DRY435C	DRY435EC	1-10%	8	170		
	DRY435U	DRY435EU	1-5%	10	170		
	DRY540A	DRY540EA	20-60%	6	160		596*682*1298
EADI	DRY540B	DRY540EB	10-20%	5	130	598*710*1465	
540L DRY	DRY540C	DRY540EC	1-10%	8	170		
	DRY540U	DRY540EU	1-5%	10	260		
	DRY718A	DRY718EA	20-60%	6	160		
718L	DRY718B	DRY718EB	10-20%	5	130	598*710*1910	596*682*1723
/ IOL	DRY718C	DRY718EC	1-10%	8	170	596 710 1910	590 002 1723
	DRY718U	DRY718EU	1-5%	15	340		
	DRY870A	DRY870EA	20-60%	8	170		
870L	DRY870B	DRY870EB	10-20%	8	170	DAN*800*1800	898*572*1698
0/UL	DRY870C	DRY870EC	1-10%	10	340	900*600*1890	090 372 1090
	DRY870U	DRY870EU	1-5%	15	340		
	DRY1436A-4/6	DRY1436EA-4/6	20-60%	8	170		
1/261	DRY1436B-4/6	DRY1436EB-4/6	10-20%	15	340	1200*710*1010	1100*000*170*
1436L	DRY1436C-4/6	DRY1436EC-4/6	1-10%	20	540	1200*710*1910	1190 002 1/23
	DRY1436U-4/6	DRY1436EU-4/6	1-5%	25	680		

-21-



NITROGEN CABINET





Features

- 1. LED display, imported humidity sensor with error as ±3%RH.
- 2. Quality 1mm and 1.2mm cold rolled steel, reinforced structure design, high intensity bearing.
- 3. 3.2mm tempered glass.
- 4. Zinc alloy lock with air press.
- 5. High intensity truckle with brake.

- RoHs certified advanced powder coating technology with Dupont powder, high anti-erosion performance to avoid your stored goods from pollution, static shock, and oxidation.
- 7. AC power 85V-265V 50/60Hz.
- 8. Available for nitrogen gas or compressed air for 1-60%RH.
- 9. Options for air flow ranges 5-25LPM,5-60LPM, 5-300LPM.

Non-ESD	Anti-ESD	Controlled Humidity (RH)	Average Power(W)	Outer Size (W*D*H/mm)	Inner Size (W*D*H/mm)
DRY98D	DRY98ED	1-60%RH	8	448*400*688	446*372*598
DRY160D	DRY160ED	1-60%RH	8	448*450*1010	446*422*848
DRY240D	DRY240ED	1-60%RH	8	598*400*1310	596*372*1148
DRY320D	DRY320ED	1-60%RH	8	900*450*1010	898*422*848
DRY435D	DRY435ED	1-60%RH	8	900*600*1010	898*572*848
DRY540D	DRY540ED	1-60%RH	8	598*710*1465	596*682*1298
DRY718D	DRY718ED	1-60%RH	8	598*710*1910	596*682*1723
DRY870D	DRY870ED	1-60%RH	8	900*600*1890	898*572*1698
DRY1436D-4	DRY1436ED-4	1-60%RH	8	4000*740*4040	4400*000*4700
DRY1436D-6	DRY1436ED-6	1-60%RH	8	1200*710*1910	1198*682*1723

MINI N2 GENERATOR

Technical spec

Model: CT-NG1815C

Outer size (W*D*H): W350*D500*H751mm

N2 produce capacity: 13L /min Purity of N2: over 99% N2 concentration: 98% - 99.9%

Working condition: 0 ~ 50°C ambient temperature

Display: highlight LED

Power input: 220V 50Hz/60Hz self-adaption Stand-by power consumption: ≤10W Max power consumption: ≤40W Surface color: dark green, anti-ESD

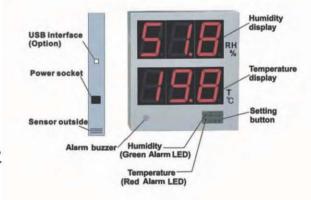


attachable for N2 cabinet

DIGITAL AMBIENT TEMPERATURE AND HUMIDITY MONITOR

Features

- 1. Humidity and temperature display and monitor range
- Temperature range: -9.9 to +70°C, error: ±1.0°C
- Humidity range: 0.1 to 99.9%RH, error ±3.0%RH
- Outer dimensions: W340*H360*D55mm
- Working voltage: 85- 240V AC
- Power: ≤5W
- 4-inch bright LED digital display, visible from 30m away
- Alarming system with high decibel buzzer (>70dB) and indicators, when humidity or temperature exceeds the alarming value, the buzzer will flash and alarm



Technical details

Spec	Temperature Range (°C)	Humidity Range (RH)	Display Number	USB Connection (Y/N)
CTT-18D	-9.9 to +70°C(±1.0°C)	0.1 to 99.9%(±3.0%RH)	single	N
CTT-18DU	-9.9 to +70°C(±1.0°C)	0.1 to 99.9%(±3.0%RH)	single	Y
CTT-18DT	-9.9 to +70°C(±1.0°C)	0.1 to 99.9%(±3.0%RH)	double	N
CTT-18DUT	-9.9 to +70°C(±1.0°C)	0.1 to 99.9%(±3.0%RH)	double	Y

-22-



DRY CABINET WITH COMPOUNDED FUNCTIONS TO RESIST OXIDATION AND HUMIDITY DAMAGE

Drying cabinet in stainless steel



Drying cabinet with heating up to 40°C or 60°C

To meet the demands for some special items that require low temperature baking available for models of DRY320/DRY435/DRY870/DRY1436.



Drying cabinet with oxygen content detection:

The main purpose of humidity control storage is to keep the MSD from oxidation. However, the low humidity does not necessarily mean a low oxygen content. So we add the oxygen content detection system is necessary for those components made of brass, bronze, silver, tungsten, gold, etc. that are most likely to go oxidized.



Drying cabinet with independent segregated compartments:

Each compartment is an independent working space, when you open one of the compartments, the others won't be affected. Available for models of DRY320/DRY435/DRY71 8/DRY870/DRY1436.



Drying cabinet with nitrogen generator attached:

Besides humidity controlled by the patented drying module, there's a N2 generator attached to produce endless nitrogen to purge into the cabinet to meet your demand of anti-oxidation. Available for models of DRY870/ DRY 1436.



Drying cabinet with buzzer or light tower alarming



Drying cabinet with drawers



-24-