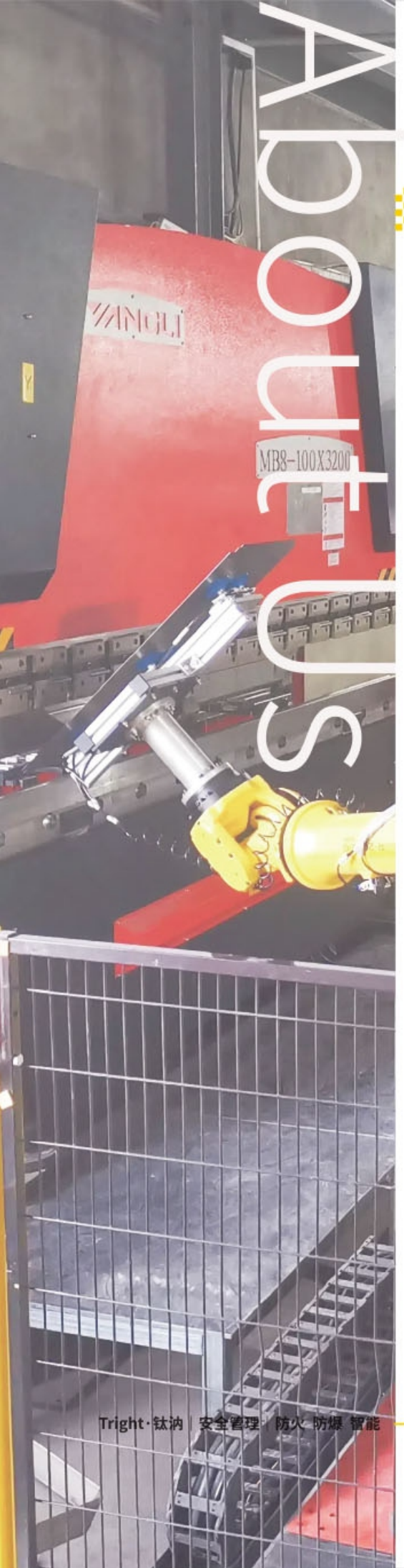
TRIGHT®





|Safety Management|Fire-proof|Explosion-proof|Intelligent



Company Profile

Let every user afford safe and reliable fireproof safety storage products.

Vision and Mission

Tright is committed to becoming a leader in the field of global fire safety, improving the level of the entire industry and protecting people's lives and property through continuous innovation and excellent product quality.

Technological Innovation and Sustainable Development

Tright® unswervingly pursues breakthroughs in fire-resistant technology, optimizes production processes, and improves service levels to win the trust and support of users. We believe that only by doing this can we truly escort safe production.

Production Capacity and Manufacturing

Efficient and flexible production capacity, combined with advanced automation technology and strict quality control, ensures that every product meets the highest safety standards. We are committed to providing powerful customized services to meet the personalized needs of global customers.

Partner Recognition

The recognition from well-known domestic and foreign institutions such as the Chinese Academy of Sciences, Peking University, National Engineering Research Center for Pharmaceutical Preparations, Volkswagen of Germany, FORVIA of France, LAZPIUR of Spain, GE General Healthcare of the United States, Novo Nordisk of Denmark, and ASE Semiconductor is the greatest encouragement to Tright's fireproof safety storage business.

Future Outlook

With intelligent manufacturing as the cornerstone and customized delivery as the core, we are leading the future of the security storage industry. We look forward to working with global customers to explore the forefront of technology, promote the security storage industry to new heights, and contribute to the global security cause!

At Tright, we use advanced production equipment, strong customization capabilities and efficient delivery speed to create excellent quality. We look forward to working with global customers to create a better future!

TRIGHT®















OSHA

ISO 9001 ISO 14001 ISO 45001

120/90/60/30 Minute EN Flammable Cabinets

TUV Rheinland Certification
The world's first

Tright flammable cabinet products have successfully passed the 120-minute fire resistance test of the EN14470-1:2023 standard. According to the records of the TUV Rheinland query system, Tright flammable safety cabinet is the world's first product to pass the 120-minute fire resistance test in one go, breaking the industry record and fully proving Tright's leading

120 min
EN14470-1
Fire Safety Storage Cabinet
KEEP DOOR CLOSED

The world's first Minute EN Fammable Safety Cabinet Certificate

1049℃ high temperature baking test | Innovative technology, leading the industry trendEN Flammable Cabinet

EN Flammable Cabinet

View more+



Five major features

- 5 layers of fire-resistant structure, distributed on the six sides of the cabinet
- 6m fire-resistant sealing strips, embedded in the cabinet
- 22m fire-proof expansion strips, heat insulation strips, heat insulation
- 29PCS flame-retardant insulation materials-1049℃ not afraid of high temperature









120/90/60/30 Minute EN Flammable Cabinets



EN Flammable Safety Cabinet parameter

Name	Model	Volume (gallon/L)	Product dimension (width*depth*height mm)	Cabinet door	Number of shelves
120 minute EN flammable safety cabinet	TEN90450	45/170	1170x670x1980	Double door	2
90 minute EN flammable safety cabinet	TEN90450A	45/170	1170x670x1980	Double door	2
60 minute EN flammable safety cabinet	TEN60450	45/170	1170x670x1980	Double door	2
30 minute EN flammable safety cabinet	TEN30450	45/170	1170x670x1980	Double door	2
30 minute EN flammable undercounter safety cabinet	TEN30180	18/70	889x550x665	Double door	1

Automatic door EN Flammable Cabinets



- Safe storage of chemicals
- Automatic door opening and closing
- Perfect integration with laboratory furniture



90 min
EN14470-1

Fire Safety Storage Cabinet

KEEP DOOR CLOSED

Product Feature



a hidden handle on the door panel for easy dragging



laboratory technician can take chemicals from either side



multi-layer classified storage equipment has anti-dumping protection



Press the button to open and close the cabinet door automatically without manual pulling

Automatic door EN Flammable Cabinets





Automatic door EN Flammable Safety Cabinet parameter

Name	Model	Volume (gallon/L)	Product dimension (width * depth * height mm)	Color	Cabinet door type	Standard
Automatic door 90 minute EN flammable safety cabinet	TEN90550B	55/207	450*870*1970	Blue	Single door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90550W	55/207	450*870*1970	White	Single door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90550Y	110/414	450*870*1970	Yellow	Single door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90550R	55/207	450*870*1970	Red	Single door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90110B	110/414	820*870*1970	Blue	Double door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90110W	110/414	820*870*1970	White	Double door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90110Y	110/414	820*870*1970	Yellow	Double door	EN14470-1
Automatic door 90 minute EN flammable safety cabinet	TEN90110R	110/414	820*870*1970	Red	Double door	EN14470-1



The bottom is equipped with ahidden forklift slot for easy movement



The design is simple and elegant, coordinated with the experimental equipment



Rational use of laboratory space



Complies with EN14470-1 standard to effectively protect the safety of chemicals

Flammable Cabinets

Flammable cabinet (commonly known as chemical safety cabinet, fireproof safety cabinet, safety cabinet, hazardous chemical safety cabinet) is made of high-quality galvanized steel plate integrally bent and welded. It can achieve safe, compliant and orderly management of hazardous chemicals through classification, zoning and color classification. Flammable safety cabinet is often used in production workshops, laboratories, hospitals and other places to store flammable, combustible, toxic, corrosive, explosive and other hazardous chemicals.

GB17914-2013 "Technical Conditions for Storage and Maintenance of Flammable and Explosive Commodities" and GB15603-2022 "General Rules for Storage of Hazardous Chemical Warehouses" propose for flammable liquids, flammable solids, self-igniting substances and other hazardous chemicals:

① Strictly control the storage variety and quantity of hazardous chemicals.

② It should meet the classification, packaging, storage method and fire protection requirements of hazardous chemicals.

③ The storage and distribution of hazardous chemicals should comply with the requirements of the "Hazardous Chemical Storage Distribution Table" and its chemical safety technical instructions.



Name	Model	Volume (gallon/L)	Color	Product dimension (width * depth * height mm)	Cabinet door type	Number of shelves	Shelves loading capacity
4 gallon flammable safety cabinet	TF0040	4/15	Yellow	430×430x560	Single door	1	50
4 gallon flammable safety cabinet	TF0040R	4/15	Red	430×430x560	Single door	1	50
4 gallon flammable safety cabinet	TF0040B	4/15	Blue	430×430x560	Single door	1	50
12 gallon flammable safety cabinet	TF0120	12/45	Yellow	590x460x890	Single door	1	50
12 gallon flammable safety cabinet	TF0120R	12/45	Red	590x460x890	Single door	1	50
12 gallon flammable safety cabinet	TF0120B	12/45	Blue	590x460x890	Single door	1	50
22 gallon flammable safety cabinet	TF0220	22/83	Yellow	600x460×1650	Single door	3	50
22 gallon flammable safety cabinet	TF0220R	22/83	Red	600x460×1650	Single door	3	50
22 gallon flammable safety cabinet	TF0220B	22/83	Blue	600x460×1650	Single door	3	50
30 gallon flammable safety cabinet	TF0300	30/114	Yellow	1090x460x1120	Double door	1	150
30 gallon flammable safety cabinet	TF0300R	30/114	Red	1090x460x1120	Double door	1	150
30 gallon flammable safety cabinet	TF0300B	30/114	Blue	1090x460x1120	Double door	1	150
45 gallon flammable safety cabinet	TF0450	45/170	Yellow	1090x460x1650	Double door	2	150
45 gallon flammable safety cabinet	TF0450R	45/170	Red	1090x460x1650	Double door	2	150
45 gallon flammable safety cabinet	TF0450B	45/170	Blue	1090x460x1650	Double door	2	150
53 gallon flammable safety cabinet	TF0530	53/200	Yellow	1090x460x1800	Double door	3	150
53 gallon flammable safety cabinet	TF0530R	53/200	Red	1090x460x1800	Double door	3	150
53 gallon flammable safety cabinet	TF0530B	53/200	Blue	1090x460x1800	Double door	3	150
60 gallon flammable safety cabinet	TF0600	60/227	Yellow	860x860×1650	Double door	2	150
60 gallon flammable safety cabinet	TF0600R	60/227	Red	860x860×1650	Double door	2	150
60 gallon flammable safety cabinet	TF0600B	60/227	Blue	860x860×1650	Double door	2	150
90 gallon flammable safety cabinet	TF0900	90/340	Yellow	1090x860x1650	Double door	2	150
90 gallon flammable safety cabinet	TF0900R	90/340	Red	1090x860x1650	Double door	2	150
90 gallon flammable safety cabinet	TF0900B	90/340	Blue	1090x860x1650	Double door	2	150
110 gallon flammable safety cabinet	TF1100	110/410	Yellow	1500x860x1650	Double door	2	150
110 gallon flammable safety cabinet	TF1100R	110/410	Red	1500x860x1650	Double door	2	150
110 gallon flammable safety cabinet	TF1100B	110/410	Blue	1500x860x1650	Double door	2	150
Under-counter 22 gallon flammable safety cabinet	TLF889	22/83	Yellow	889x550×665	Double door	2	150
Under-counter 22 gallon flammable safety cabinet	TLF889R	22/83	Red	889x550×665	Double door	2	150
Under-counter 22 gallon flammable safety cabinet	TLF889B	22/83	Blue	889x550×665	Double door	2	150
Under-counter 24 gallon flammable safety cabinet	TLF889H	24/90	Yellow	889x550×889	Double door	2	150
Under-counter 24 gallon flammable safety cabinet	TLF889HR	24/90	Red	889x550×889	Double door	2	150
Under-counter 24 gallon flammable safety cabinet	TLF889HB	24/90	Blue	889x550×889	Double door	2	150

Flammable Cabinets













Strong Corrosive Cabinets



The strong corrosive safety cabinet is welded with galvanized steel plates as a whole, and polypropylene plates are embedded inside. It has excellent properties of strong acid and alkali resistance and corrosion resistance. The product has anti-theft function, equipped with mechanical anti-theft locks that meet the GA/T73 standard, two-person receiving and sending, and two-person management, which fully complies with GA1511-2018 "Security Prevention Requirements for Storage Places of Explosive and Dangerous Chemicals" and "Regulations on the Safety Management of Dangerous Chemicals". It is suitable for storing explosive and dangerous chemicals such as acids, nitrates, chlorates, perchlorates, dichromates, peroxides and superoxides, flammable reducing agents, and nitro compounds.

Name	Model	Volume(gallon/L)	Color	Product dimension (width * depth * height mm)	Cabinet door type	Number of shelves	Shelves loading capacity
12 gallon strong corrosive safety cabinet	TF0120BE	12/45	Blue	590x460x890	Single door	1	30
30 gallon strong corrosive safety cabinet	TF0300BE	30/114	Blue	1090x460x1120	Double door	1	30
45 gallon strong corrosive safety cabinett	TF0450BE	45/170	Blue	1090x460X1650	Double door	2	30









Toxic Cabinets

Toxic Safety Cabinets are welded steel plates with PP plates embedded inside and equipped with two GA locks certified by the police. The product has anti-theft function and can be sent and received by two people and managed by two people. It is suitable for storing conventional dangerous chemicals that are easy to make drugs, such as the first, second and third categories (toluene, acetone, sulfuric acid and hydrochloric acid).



Name	Model	Volume(gallon/L)	Color	Product dimension (width * depth * height mm)	Cabinet door type	Number of shelves	Shelves loading capacity
12 gallon toxic safety cabinet	TF0120WE	12/45	White	590x460x890	Single door	1	50
30 gallon toxic safety cabinet	TF0300WE	30/114	White	1090x460x1120	Double door	1	100
45 gallon toxic safety cabinet	TF0450WE	45/170	White	1090x460x1650	Double door	2	100

Toxic safety cabinet complies with the "Regulations on the Management of Narcotic Drugs" and is widely used in scientific research institutes, universities, medical institutions, pharmaceutical companies and other units to store toxic substances such as precursor chemicals, narcotic drugs, and the first category of psychotropic drugs.

Combination Safety Cabinets effectively solve the problem of safe storage of chemicals with many categories and small quantities. According to actual needs, 1-3 layers with a maximum of 9 spaces can be stacked and placed to meet the needs of multiple people for use and management.

Under-counter Flammable Safety Cabinets

Laboratory Under-counter Flammable Safety Cabinets have complete specifications, rich products, and various color panels. They can be adapted to various mainstream laboratory fume hoods (such as 1200cm, 1500cm, 1800cm), operating tables, workbenches, and experimental tables. They can be customized according to actual needs with different materials, sizes, specifications, and functions.

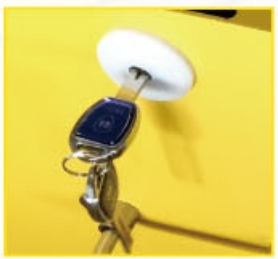
Under-counter Flammable Safety Cabinets are safety cabinets that use the space under the workbench to safely store chemicals. This chemical safety cabinet is convenient for workers to store and retrieve chemicals nearby, saving the time of workers going to and from the chemical warehouse. This product is usually used as a space under a fume hood, laboratory bench, etc. to safely store chemicals.











Name	Model	Volume (gallon/L)	Product dimension (width * depth * height mm)	Cabinet door type	Number of shelves	Color
PE Safety Cabinet	TLP540B	10/38	540x550x665	Single Door	1	Blue
	TLP540G	10/38	540x550x665	Single Door	1	Grey
	TLP840B	18/70	840x550x665	Double Door	1	Blue
	TLP840G	18/70	840x550x665	Double Door	1	Grey
	TLP840R	18/70	840x550x665	Double Door	1	Red
	TLP840W	18/70	840x550x665	Double Door	1	White
Flammable Safety Cabinet	TLF889W	18/70	889x550x665	Double Door	1	Yellow
	TLF1450W	30/114	1450x550x665	Three Door	1	Yellow
Strong Corrosive Safety Cabinet	TLF889BE	18/70	840x550x665	Double Door	1	Blue
	TLF1450BE	30/114	1450x550x665	Three Door	3	Blue

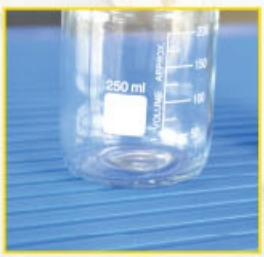
Under-counter Flammable Safety Cabinets



- Under-counter Flammable Safety Cabinets play an irreplaceable role in multiple scenarios such as laboratories, factories, medical institutions, educational institutions, and warehousing and logistics due to its efficient safety performance and flexible application methods.









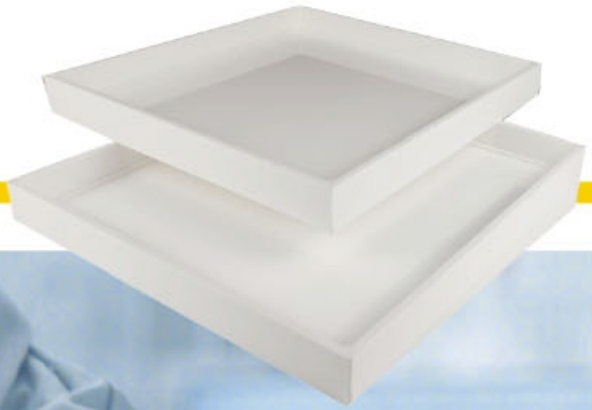


PP Safety Cabinets

PP medicine safety cabinet is made of polypropylene material folded and welded. The overall appearance is simple and beautiful, the internal structure is stable and impact-resistant, resistant to strong acid and alkaline chemicals, non-corrosive and non-wear, and double-person double-mirror safety and compliance management.



PP Safety Cabinets





Anti-corrosion double lock



Anti-slip partition



Safety buckle lock



Multi-door compartment design

Name	Model	Volume (gallon/L)	Color	Product dimension (width * depth * height mm)	Cabinet door type	Number of shelves	Shelves loading capacity
2 gallon PP safety cabinet	TP0020	2/7.5	White	300x300x300	Single door	/	/
4 gallon PP safety cabinet	TP0040	4/15	White	430x430x560	Single door	1	50
12 gallon PP safety cabinet	TP0120	12/45	White	610x450x890	Single door	1	70
45 gallon PP safety cabinet	TP0451	45/170	White	900x450x1800	Four door	2	70
45 gallon PP safety cabinet with glass window	TP0450	45/170	White	900x450x1800	Four door	2	70

90 Minute Intelligent Gas Cylinder Safety Cabinets



Product Features

- Gas cylinder fixing: adjustable gas cylinder fixing device, flexible to adapt to a variety of conventional size gas cylinders.
- Fire and explosion prevention: developed and designed according to EN14470-2 standard, multi-layer cabinet, excellent explosion and fire prevention effect.
- Intelligent detection and alarm linkage: built-in smoke alarm, alarm when gas leaks. Gas leaks automatically cut off the gas source, the left and right cylinders automatically switch gas supply, automatic exhaust function, and emergency cut-off button.
- Ventilation fire arrester: when the fire arrester senses that the ambient temperature reaches 70°C, the valve port automatically closes to ensure the safety of the gas cylinder.
- Convenient operation: a cylinder flip pedal is provided at the bottom to avoid collision with the gas cylinder, which is convenient for loading and unloading the gas cylinder cart.
- Data storage: built-in SDS information storage box, convenient for storing gas cylinder related data information.
- Direct gas supply: can be equipped with TKF semi-automatic switching pressure reducing valve group to achievedirect gas supply.

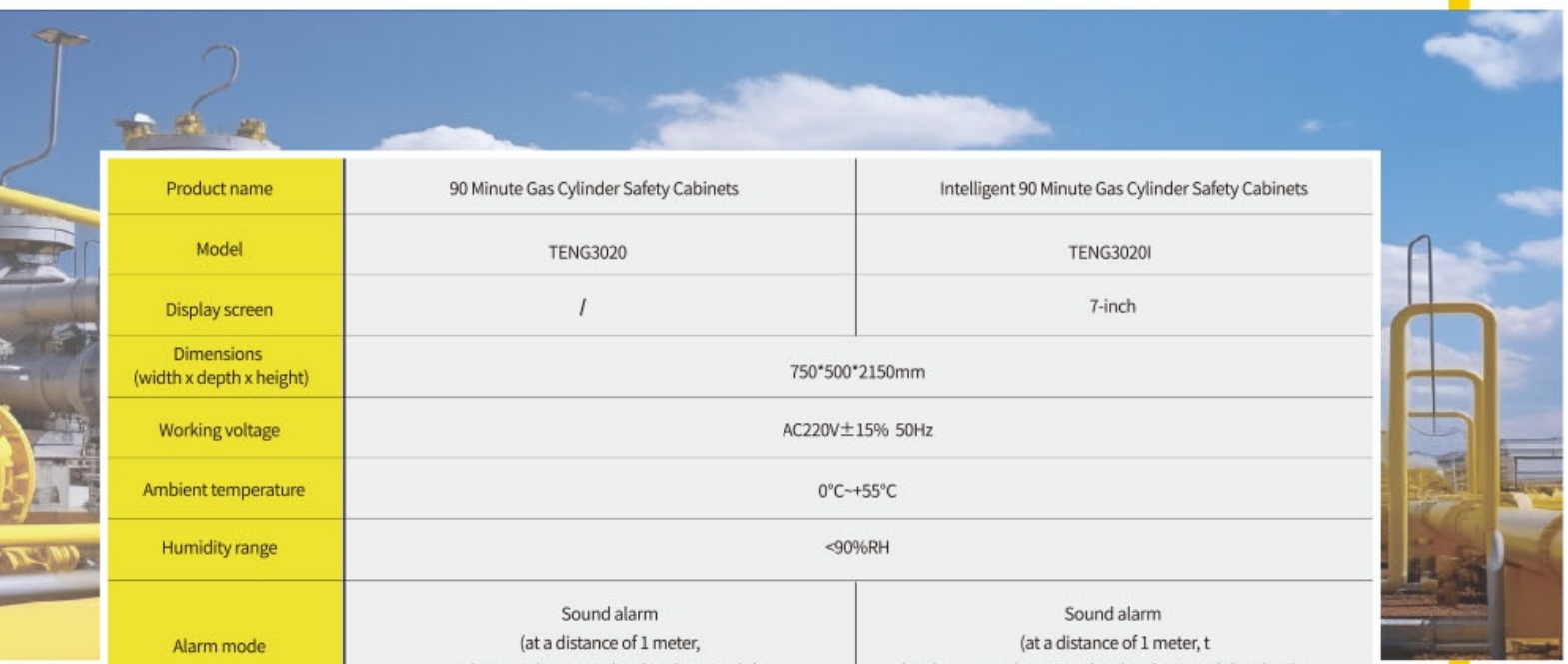


Automatic switching valve group device



90 Minute Intelligent Gas Cylinder Safety Cabinets





Product name	90 Minute Gas Cylinder Safety Cabinets	Intelligent 90 Minute Gas Cylinder Safety Cabinets
Model	TENG3020	TENG3020I
Display screen	/	7-inch
Dimensions (width x depth x height)	750*500*2150mm	
Working voltage	AC220V±15% 50Hz	
Ambient temperature	0°C~+55°C	
Humidity range	<90%RH	
Alarm mode	Sound alarm (at a distance of 1 meter, the sound pressure level is above 75dB)	Sound alarm (at a distance of 1 meter, t he alarm sound pressure level is above 75dB) Light alarm
	Connect ventilation duct Exhaust diameter 75mm	
Signal output	/	4-20mA
Number of stored gas cylinders	1~2	
Movement mode	50mm forklift slot	

Gas Cylinder Safety Cabinets

Intelligent Gas Cylinder Safety Cabinets are developed and manufactured with reference to GBT345252017 and GB3836201. They have passed the national instrument explosion-proof test and can store 40L, 10L, 8L, and 4L standard gas cylinders. They are equipped with explosion-proof point-type flammable gas detectors, explosion-proof sound and light alarms, explosion-proof axial flow fans, and gas supply panel systems (which can directly supply gas without moving gas cylinders), etc., to effectively prevent the risk of gas leakage.

Name	Model	Number of gas cylinders (bottles)	Color	Product dimension (width * depth * height mm)	Cabinet door type	Material	Note
Intelligent 1 Gas Cylinder Safety Cabinets	TG0010	1	Yellow	600x450x1900	Single door	Double layer steel plate	
	TG0010F	1	Yellow	600x450x1900	Single door	Double layer steel plate	Equipped with explosion-proof axial flow fan
Intelligent 2 Gas Cylinder Safety Cabinets	TG0020	2	Yellow	600x450x1900	Double door	Double layer steel plate	
	TG0020F	2	Yellow	600x450x1900	Double door	Double layer steel plate	Equipped with explosion-proof axial flow fan
Intelligent 3 Gas Cylinder Safety Cabinets	TG0030	3	Yellow	600x460×1650	Double door	Double layer steel plate	
	TG0030F	3	Yellow	600x460×1650	Double door	Double layer steel plate	Equipped with explosion-proof axial flow fan
1 Gas Cylinder Safety Storage Cabinets	TG1011F	1	Yellow	500x450x1800	Single door	Single layer steel plate	
2 Gas Cylinder Storage Safety Cabinets	TG1021	2	Yellow	900x450x1800	Double door	Single layer steel plate	
3 Gas Cylinder Storage Safety Cabinets	TG1031	3	Yellow	1200x450x1800	Double door	Single layer steel plate	



Gas Cylinder Safety Cabinets





The mobile shelter with centralized air supply is jointly provided by Kuzu and Tright.

Temperature	T1	T2	T3	T4	T5	T6
IIA	Methane, toluene, methyl ester, ethane acetone, acrylic acid, benzene, styrene, carbon monoxide IIA, ethyl acetate, acetic acid, chlorpyrifos, methyl alcohol, ammonia	Propane, toluene, ethanol, ethylbenzene,propanol, propylene, butanol, butane, butyl acetate IIA, amyl acetate,cyclopentane	Pentane, amyl alcohol, ethane, ethanol, heptane, octane, cyclohexanol, turpentine, IIA naphtha, petroleum (including gasoline), fuel oil, tetrachloropentanol	Acetaldehyde, trimethylamine	/	Ethyl nitrite
IIB	Propylene glycol, acrylonitrile, dimethyl ether, hydrogen fluoride city gas	Butadiene, ethylene oxide, ethylene, furan	Dimethyl ether, propylene oxide, hydrogen sulfide	Dibutyl ether, diethyl ether, ethyl methyl ether, tetrafluoroethylene	/	/
IIC	Oxygen, water gas	Acetylene		Ethyl nitrate	Ethyl nitrate	/

Hazardous chemicals room/warehouse solution



Remote monitoring

Equipped with gas concentration, humidity monitoring and alarm system, it can realize 7*24 hours intelligent monitoring.

Intelligent anti-theft

Automatically record the entire operation process, equipped with illegal intrusion and anti-theft security monitoring system.

Access control management

Intelligent expansion safety management, double card swiping and face recognition.

Anti-static safety

Matched with melting electric releases, safely release human static electricity to avoid fire or explosion risks.

Explosion-proof safety

Indoor installation of explosion-proof air conditioner can effectively prevent sparks from electrical or mechanical products, so as to ensure temperature and humidity while ensuring environmental safety.

Clean air safety

No external ventilation system is required, the storage cabinet is directly connected to the purifier to achieve filtering and purification of harmful gases.

System docking

Standard open interface, convenient docking with internal system or old regulatory unit.

Emergency management

After chemical leakage/pouring, use special tools to handle/clean in time.

|Safety Management|Fire-proof|Explosion-proof|Intelligent



Combination Safety Cabinets

Combined chemical cabinets effectively solve the problem of safe storage of chemicals with a large number of categories and small quantities. They can superimpose up to 9 spaces on 1-3 floors according to actual needs to meet the needs of multiple people to use and manage them by multiple people.



Model	Volume (gallon/L)	Product dimension (width * depth * height mm)	Cabinet door type	Number of shelves	Shelves loading capacity
TF0130	15/57	470x460x1800	Three door	3	50
TF0230	30/114	900x460x1800	Six door	6	50
TF0330	45/170	1330x460x1800	Nine door	9	50

Fire Cabinet Purifier

The Tright Fire Cabinet Purifier is specifically designed to address the issue of gas pollution caused by volatile chemicals in laboratories due to the lack of ventilation systems. This device can effectively purify harmful gases produced by common volatile chemicals such as methanol, ethanol, acetic acid, ammonia water, hydrochloric acid, and flavorings, ensuring fresh laboratory air and personnel safety.

Product Features

- **High-efficiency Filtration:** Equipped with an advanced combination of HEPA filters and activated carbon, it can remove over 99.97% of particulate matter and harmful gases, ensuring air quality.
- **Safety Assurance:** Continuous ventilation and filtration functions can significantly reduce the accumulation of harmful gases in the fire cabinet, reducing the risk of fire or explosion. Built-in sensors monitor the device's status in real-time, and an indicator light will turn on once high concentrations of pollutants or fan failure are detected, alerting users to take action.
- **Energy-saving and Environmentally Friendly:** The unique converging exhaust hood design achieves comprehensive and dead-angle-free purification. Combined with high-efficiency fans, it reduces air resistance and enhances filtration effectiveness.
- **Easy Maintenance:** The filter replacement process is simple, and the maintenance cost is low, ensuring the long-term stable operation of the device.
- **Strong Compatibility:** Suitable for various types of fire cabinets, whether storing chemicals, reagents, or other materials, it can meet the requirements.



Model	Product dimension (width * depth * height mm)	Airflow (m^3/H)	Voltage (V)	Power (W)
TFCP050	500x460x336	290	220	42

|Safety Management|Fire-proof|Explosion-proof|Intelligent



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Tright V 2025-04