



## KEMFIRE® 1100 A

Aspirated and filtered safety cabinet for the combined storage of chemicals, acids and base, and solid and liquid flammables.

Certified according to EN 14470-1, EN 61010-1, EN 16121, EN 16122

Completely produced in pickled and electrogalvanized steel 10/10 mm painted with epoxy acid-proof powders electrostatically applied through thermic tunnel at 200°C. External monolithic construction completely sealed. New building method with double cases, internal and external. Grounding connection to discharge build-up of static electricity. Levelling feet

### UPPER COMPARTMENT FOR CHEMICAL, ACID AND BASE PRODUCTS

4 shelves adjustable in height (2 for each compartment) made of electrogalvanized steel painted with epoxy acid-proof powders. Tray-shaped shelves to collect any liquid spillage of breakages. Removable and adjustable shelves with anti-falling security lock by rack. Collection capacity of the shelf approx. 7 litres. Loading capacity kg. 40/100. Watertight bottom basins in electrogalvanized steel painted with epoxy anti-acid powders. Capacity approx. 13 litres. Doors opening up to 180° to allow an easy extraction of the shelves without tilting them. Acid-proof hidden hinges. Activated charcoal filter Carbox® positioned inside the cabinet, easy to replace. Thermically protected electro aspirator IMQ IPX4 made of class V0 polymer to grant the highest level of self-extinguishing, in compliance with EN 60335-1, EN 60335-2-80 and EN 50366 norms. ON/OFF lamp.

### LOWER COMPARTMENT FOR FLAMMABLE PRODUCTS

Fire test carried out in accredited laboratories according to EN 1363-1 and UNI EN 1363-1. New fireproof insulation made of highly fire resistant material, completely ecological. Internal body panels made of anti-scratch material, resistant to corrosive products. Inflatable trimming 8 + 6 cm (DIN 4102), that swells in case of fire, isolating the inside of the cabinet from the outside. Extra inflatable trimming with protection against "Cold and Hot fumes" and dusts. Self-closing doors with automatic return. Safety closing system: in case of fire, automatically closes the door at a temperature of >50°C. Not electric. Watertight sump in electrogalvanized steel painted with epoxy anti-acid powders, with drilled shelf. Collection capacity approx. 9 litres. Loading capacity kg. 80. Natural internal ventilation system for vapours, equipped with two certified security valves for air recycling with automatic closure at 70 ± 10° C. The valves are positioned at the top and at the bottom of the rear wall of the cabinet to grant the release of substances. External connection collar Ø 100 mm. Safety catch "Ignis-lock®" that keeps the doors closed in case of fire. Anti-spark hinges.

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<b>Size (External)</b>	1100 x 510 x 1670 h (mm)
<b>Size (Internal)</b>	490+490 x 465 x 1020 h (mm)
<b>Weight</b>	300kg
<b>Capacity</b>	465L (upper) 164L (lower)
<b>Shelf Capacity</b>	80/100kg
<b>Colour</b>	Yellow
<b>Approvals</b>	TÜV CERTIFICATION
<b>Compliance</b>	EN 14470-1, EN 61010-1, EN 16121, EN 16122, EN 1363-1



SAFETYBOX® KEMFIRE®

### COMBINED STORAGE - CERTIFIED!

#### COMPARTMENT FOR FLAMMABLES



EN 16121 - EN 16122

EN 14470-1

**TYPE90**

Fire resistance (TYPE90, ecc.)

Doors with automatic return. And door locking device

Natural or forced ventilation (flash point < 100°C) and predisposed for anti deflagrant aspiration system and filters.

Safety valves 70±10°C.

Ignis-Lock.

Inflatable trimming.



#### COMPARTMENT FOR CHEMICALS



TEST PPP

52125A:2011

[for chemicals]

EN 16121-EN16122

EN 61010-1

Forced and permanent ventilation system.

Charcoal filter and fan.

Separated storage Bases/Acids (conflicting substances).

Self-extinguishing fan (V0 class polymer).



SAFETYFIRST