

The latest
Solutions for modern processes



**The
latest**

Systems
for optimised working

CLASSIC pro XL focuses on convenience

The CLASSIC pro cabinets with pull-out shelves provide optimum convenience and overview for flammable chemicals with 90 minute fire protection. Discover the versatility, which the CLASSIC pro type cabinets offer.



The smooth-moving pull-out shelves can be pulled out easily by their handle strip. This means the storage containers can be stored and removed safely. A double pull-out lock prevents several pull-out shelves from being pulled out at the same time. In case of fire the closure control system ensures that the pull-out shelves are retracted and only then are the doors closed.

The CLASSIC line pro cabinets can be fitted with up to 8 pull-out shelves. The distances between the pull-out shelves can be set up flexibly using the 16 mm grid spacing. To collect possible leaks, the CLASSIC line pro models have a bottom tray. Furthermore, the individual pull-out shelves can be removed easily, e.g. for cleaning.

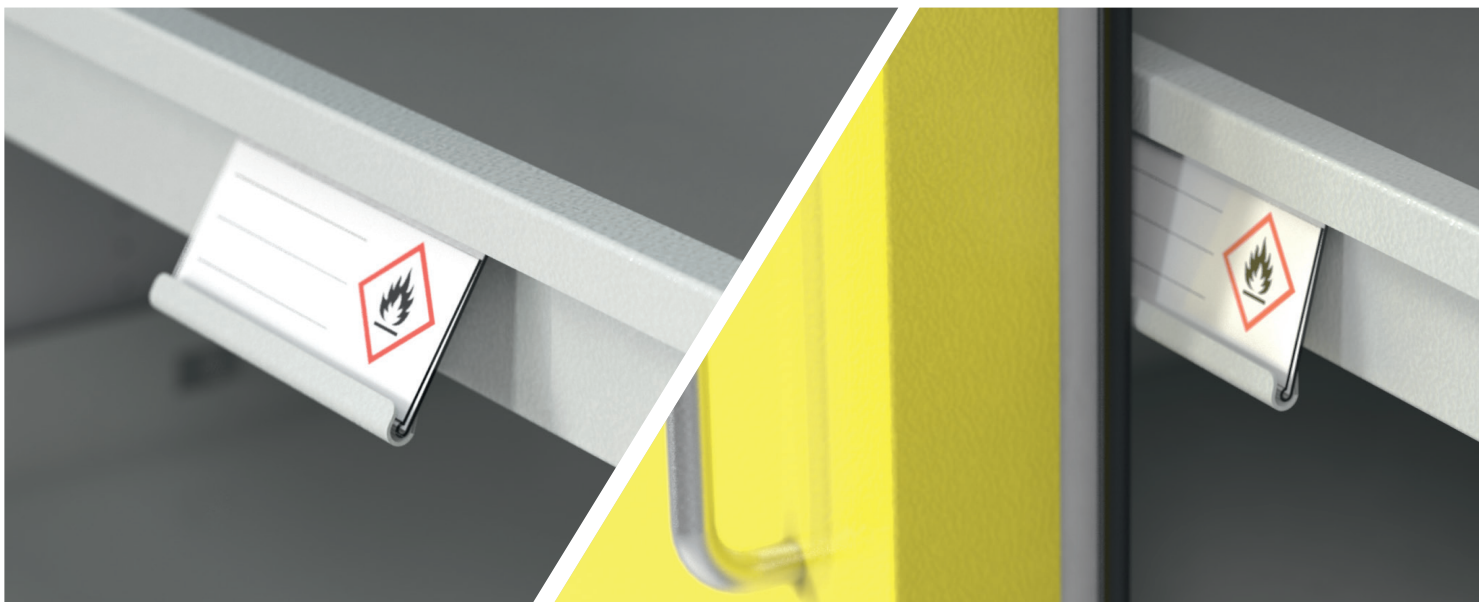
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—iBMB MPA
TU Braunschweig



Faster overview that works

The new flexible marking system for attaching to the pull-out shelves of the CLASSIC line pro helps you in your daily work at your safety cabinet. With the label holders the pull-out shelves can be marked with the relevant stored media, thus creating a clear overview.



Marking system - simply clear

On opening the doors the integrated spring hinge folds out the label holder to the front for easy reading. Up to seven holders can be fixed without tools onto each pull-out shelf. The transparent windows are open at both ends for fast label changing and they are naturally also suitable for reading the labels with a scanner. The label holders fold back in again when the cabinet doors are closed.

ACTCOM XL safe and efficient supply and disposal

The ACTCOM line Type 90 is designed for efficient and safe supply and disposal in a confined space as per TRGS 509. The media are removed from standard solvent containers via hose systems. After use the solvents are safely fed to the disposal system via the flexible VisiCon® collection system (see page 8). The ACTCOM line is already fitted with diverse additional functions, which increase safety and work convenience.

Type 90

Fire resistance



Your benefits

The easy startup due to ready to plug-in, preassembled connections enables flexible workflows and more efficient organisation of the internal value-added chain. Use DÜPERTHAL's TÜV-tested systems to optimise your processes on site. This effectively leads to the release of resources, which can be used actively and results-oriented for research and production.



Your added advantage with the ACTCOM line!

- » Exhaust air monitoring
- » Level monitoring
- » Earthing system

Ingenious, actively combined

The ACTCOM line is connected to the building's extraction system directly at the media filling points. The monitored ventilation prevents the formation of an explosive atmosphere and thus ensures a high safety standard and health protection. The level monitoring ensures optimum management of the liquids, changing of the collection containers in good time is initiated automatically and the risk of overflowing collection containers is minimised. Optionally, the ACTCOM line can be combined with the Cabi2Net (see page 10 ff.) or the Smart Control.



Smart Control - the clever option

The new Smart Control with touch display includes exhaust and level monitoring. With monitoring of the ventilation function by Smart Control it is possible to monitor the defined explosion protection concept to TRGS 400 and to document this. In addition the Smart Control is to be used as level control for containers in the active safety cabinet and warns of overfilling. The display includes an error indicator and logging and makes a proactive contribution to health & safety and environmental protection.

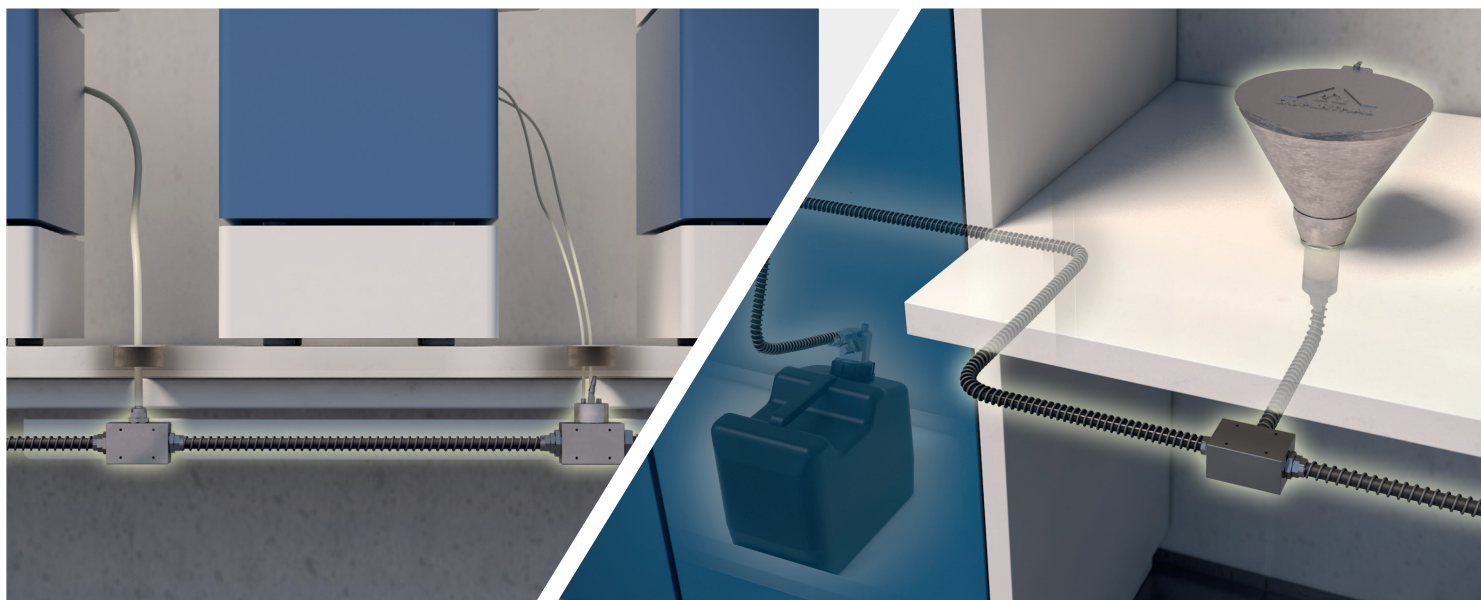
Collect flammable media flexibly and centrally

The VisiCon® collection system is the perfect addition to DÜPERTHAL safety storage cabinets for active storage. The system can be used to collect together larger quantities of solvent waste in conformity with the regulations, centrally in one collection point, e.g. a DISPOSAL line safety cabinet. The VisiCon® collection system is also characterised by its high media resistance. All components are conductive and prevent the formation of ignition sparks.



Maximum flexibility

The system can be extended virtually without limit and the modular concept can be individually adjusted to each process on site. The diverse connection options are suitable for funnel systems, HPLC connections and can also be adapted to individual requirements. The easy startup due to ready to plug-in, preassembled connections enables flexible workflows and more efficient organisation of the work processes.



Your benefits

- » Safe emptying of containers via safety funnels or pipe penetrations inlets, e.g. HPLC connections
- » Flexible connection to DÜPERTHAL safety cabinets for active storage
- » Continuous earthing to prevent ignition hazards as a result of electrostatic discharges in accordance with TRSG 509 and TRGS 2153
- » Tested explosion protection concept for inclusion in the consideration of your risk assessment to TRGS 400
- » Basis for simplified documentation in the explosion protection document

Ingeniously networked with Cabi2Net

DÜPERTHAL's Cabi2Net system revolutionises central control of workflows. With up-to-date characteristic data and intelligent networking it helps to organise the value-added chain efficiently. Information can be called up on the internet via a web interface, independent of terminal devices. The system is easily scalable and with add-on modules enables the integration of numerous additional sensors and actuators; in addition, the Cabi2Net can also be integrated in the general building automation.



To ensure that active transfer and supply are optimally integrated into your work process, we assist you with the **DÜPERTHAL TAP line**, **SUPPLY line** and **COMPLEX line** product lines. You can rely on DÜPERTHAL **DISPOSAL line** for active disposal.

Use of Cabi2Net provides safety in active storage and releases resources, which can be used actively and in a results-orientated way for research, development and production. Find out more on the next page, about how you can use Cabi2Net to revolutionise your hazardous substance management of active storage with our safety cabinets.



Intelligent hardware and software

- » Network interfaces
- » Digital and analog inputs for evaluation of sensors for level monitoring, temperature control, flow rate, etc.
- » Digital outputs for switching signal lamps, acoustic warning devices, release or locking mechanisms
- » Industrial displays with touch function, visualisation via web browser or display on PC monitor
- » Individual adjustment of the system configuration, thanks to different user levels
- » Easy to use via keyboard, mouse or touch screen
- » All cabinets in the system can be activated separately
- » Electronic logging in real time
- » Remote access to process-relevant information

Precise and forward-looking with Cabi2Net

Logical steps - consistent, continuous safety: With Cabi2Net as a module, the supply chain can be optimised and planned strategically. Efficient workflows – your technical and economic advantage.



Your added technical advantage with Cabi2Net

- » Safety cabinet as **workplace** and storage location
- » Systemised **monitoring exhaust flow rate and ventilation** ensures high level of safety
- » All parameters **at a glance** thanks to Cabi2Net
- » Cabinets in the system are **networked** and can be activated individually
- » **Remote access** to information at any time
- » Digital inputs and outputs for numerous **additional functions**
- » Digital and analog **level evaluation** possible
- » Continuous monitoring of **temperature data**
- » Media and quantity selection **clear and traceable** at any time

Safety in organisation

- » Programmable access control and clear **user profiles** – only instructed employees have access to the cabinet contents mean increased legal certainty
- » System controlled working with identification and door unlocking means defined health & safety – and **increased legal certainty** in case of damage or injuries
- » Digital storage of the **safety data sheets** and instructions, accessible at any time
- » **Continuous documentation** of the hazardous substances used, storage plans and hazardous substance lists



Your added economic advantage with Cabi2Net

- » Authorised self-service for media issue **releases** resources which can be used for active operations elsewhere
- » Quantity limits can be used to define the maximum daily requirement and achieve **quantity reduction**.
- » Direct use of the key data in the purchasing organisation helps to achieve security of supply and effective risk management
- » **Central ordering system** with direct data transmission to media suppliers for automated purchasing of the necessary chemicals
- » Key data can be assigned, posted and charged directly to a **cost centre**
- » Transparency and control of media consumption **reduces purchasing and procurement costs as well as disposal costs**
- » High degree of compatibility with existing data management systems and integrated interfaces reduce operating costs and **support paperless organisation**

DPVT B.V. DUPA Veiligheidstechniek

Pottenbakkerstraat 18 | 4871 EP | Etten-Leur

Tel +31 76 204 30 15

info@dupa.nl | www.dupa.nl