

DÜPERTHAL connect: Intelligent inventory management for resources with risk potential

The storage and management of hazardous substances is always a challenge for companies and their employees in their day-to-day work. Unorganized processes cost valuable time. This is where DÜPERTHAL connect comes in and effectively provides the answers to these questions: **WHERE** is **WHAT** and **HOW MUCH**?

With the browser-based application, all relevant stock levels of safety storage cabinets and storage facilities can be queried anytime and anywhere. Whether using a smartphone, tablet or PC, the information is always up to date.

The background

A 2021 study by the Fraunhofer Institute for Manufacturing Engineering and Automation IPA looked at the level of digitalization in life science laboratories. It shows that non-value-adding activities cost laboratory employees and managers a lot of time every day. "Non-value-adding" tasks are activities that are part of the organization of the laboratory but are not directly related to the execution of an experiment. According to the study, stock levels represent a particularly time-consuming challenge, taking the top position in the list of non-value-adding activities at 93%. The study results also show that the area of documentation takes up an average of 26% of daily working time.

In addition to the question of which challenges and non-value-adding activities laboratory employees and managers are confronted with on a daily basis, the study also investigated whether there is a correlation with the current level of digitalization, networking and automation.

The result: among other things, employees increasingly want a paperless laboratory - an important aspect also with regard to the scarcity of raw materials and the conservation of resources.

The concept for digital inventory management for resources with risk potential

By using the DÜPERTHAL connect app, up-to-date information on hazardous substances, for example, can be provided digitally and documented transparently. Minimizing non-value-adding activities and new processes creates additional freedom for employees.

The result:

More time to make more efficient use of expertise in the various specialist areas.

Everything important - process-related information - is available with digital inventory management using DÜPERTHAL connect:

- Location of hazardous substances and definition of individual storage areas
- Data and quantities of chemicals, lithium-ion batteries and consumables
- Hazardous substance labeling according to GHS and mandatory symbols
- Documents such as data sheets, safety instructions, operating instructions
- Reminder functions such as maintenance intervals
- Data availability on-site (on-site) and remote (remote access)

This stabilizes processes and improves occupational safety through guided, paperless workflows. The reduced workload for employees also results in greater satisfaction and enables more creativity in their day-to-day work. In summary: more overview | more security | more time

The figures speak for themselves - at dueperthal-connect.com, interested parties can calculate their individual or company savings potential.

Connecting individual processes

With DÜPERTHAL connect, all storage requirements can be brought together, despite the specific differences in hazardous substances and the wide range of special storage solutions. Regardless of whether flammable liquids, pressurized gas cylinders, lithium-ion batteries, acids and alkalis are stored - everything always remains in view.

All information is summarized briefly and concisely here:
<https://dueperthal-connect.com/>

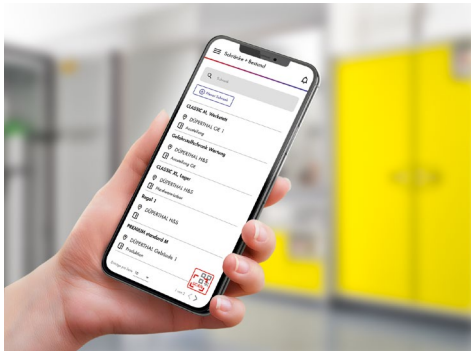
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