PREGL DIGITAL

The new Standard for Digital Lab Transformation

Dear Laboratory Colleagues!

I am so excited to present you a novelty from the world of laboratories. Our team of experts has developed Smart Lab Furniture that will revolutionize the efficiency, productivity and traceability in your laboratory. Let me briefly highlight the key benefits of using our innovative system.

Higher Productivity

Workflow optimization and discovering new capacities. Quick access to data and where you need them. Less administrative work

Cost Optimization

Real time information about the stock. Good overview of consumption and consequently better plannig and purchasing cost optimization.

Green and Sustainable

Eco-friendly product: No more printing documents and very long lifespan. Helps reduce dangerous chemical disposals with real time inventory tracking.

Automation and Digitization

Methods, certifcates, SDSs and service reports are digitized and are always avaliable on spot. QR codes and NFC technology, push your work several steps further.

Tracebility

Each step and mililiter can be traced back to a specific method and user

Superior Communication

Could stand alone or be connected with all ERPs. Notifications and alarms can be with the help of the API distributed across your infrastructure.

Please take the time to browse this brochure and make yourself familiar with all the features and benefits of Pregl Digital.

Welcome to the future!

Tanja Gvardjančič
PREGL DIGITAL PROJECT MANAGER

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The screen display shows:

Abnormal Conditions: **Exp. Date**				L1R4D2

Storage Contents

001	Cyclohexan, ACS Reagenz, ...	C6H12	22.9.2022	389,5 G
002	5-Heptadecylresorcinol	C23H4O2	22.9.2022	12,1 G
003	25C-NBOME-D3HYDROC ...	C18H22ClNO3	22.5.2021	375 G
004	Cyclohexan, ACS Reagenz, ...	C6H12	22.9.2022	389,5 G
005	5-Heptadecylresorcinol	C23H4O2	22.9.2022	12,1 G
006	25C-NBOME-D3HYDROC ...	C18H22ClNO3	22.9.2022	375 G

Be smart and let your lab to work for you

Achieve a new level of interactivity and productivity in laboratory furniture with Pregl Digital.

Made for the lab

Pregl Digital screens are the first of their kind to be designed, developed and manufactured specifically for the complex environment of the modern lab. With high-contrast e-paper and a viewing angle of nearly 180°, they offer easy readability of dynamically displayed content where and when you need it. And with a battery life of 5 to 7 years, you will not remember the last time you changed the batteries.

Display what you want

With fully customizable template editing and the ability to link it to internal or external data points, you can decide what to display on your Pregl Digital screens. When used in conjunction with the Pregl Digital system, lab staff can find consumables and monitor stock and expiration dates at the point of storage without having to use additional tools.

Built-in or surface mounted

Pregl Digital screens are available as built-in accessories in the Lab Interior furniture system or as stand-alone units that can be mounted on any surface thanks to the flexible, patent-pending mounting system.

LAB INTERIOR
Scan & Learn more

Accessibility and interactivity

Thanks to the QR code and NFC technology, Pregl Digital's screens can be used as a gateway to access more details about the information displayed using your phone or to streamline certain actions, such as adding or removing inventory or booking the next maintenance appointment for the fume hood.

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Integrate your existing lab

Start to transform your lab within minutes with Pregl Digital Location Code stickers.

Stick & Scan Pregl Digital Location Code stickers are polyurethane sealed and ideal protected for your lab.

Hybrid setup

Pregl Digital Location Sticker enables a fast end hassle-free integration of existing analogue labs with the Pregl Digital mobile app. Designed for a fast integration the Location Code concepts also enables a hybrid setup, with Pregl Digital Location Codes and Pregl Digital Screens.
Every location code represents one storage unit on a location. The location code sticker can be easy upgraded with a Pregl Digital screen without the need to re-enter any data.

Pregl Digital Location Sticher are resistant to most organic solvents, acids and bases.

LOCATION CODE

Providing clarity, efficiency, compliance, traceability and safety where pen and paper or spreadsheets are no longer a viable solution.

The increasingly complex workflows in a modern lab show that managing lab inventory on paper or in spreadsheets didn't exactly age well. Using a digital lab inventory management system can offer great advantages over traditional methods of keeping inventory - centralized control and oversight of inventory in one location, efficient stock and shared inventory locations, and informed lab staff, to name a few.

⋑ Pregl Digital Material management

With Pregl Digital, you can add, manage and track chemicals and any type of lab consumable in an instant by customizing the level of management complexity to your organization's internal regulations and workflows.

⋑ Pregl Digital Sample management

Pregl Digital can help you keep track of and manage internal or external lab samples by putting access to important information and related documentation in the palm of your hand.

⋑ Pregl Digital Method management

Pregl Digital enables method digitalization and grouping of lab consumables needed for a specific method. Real-time inventory overview ensures availability of all required consumables at the time of the experiment.

⋑ Pregl Digital Equipment management

Pregl Digital allows you to keep track of every piece of lab equipment by recording instrument information and details, managing schedule and availability status, and logging calibration, maintenance, installation and performance details.

Materials management

Pregl Digital can be used for any lab consumable with a customizable level of complexity.

Always at hand
Available on smartphone and tablet devices (iOS and Android) as well as Android-based handheld terminals.
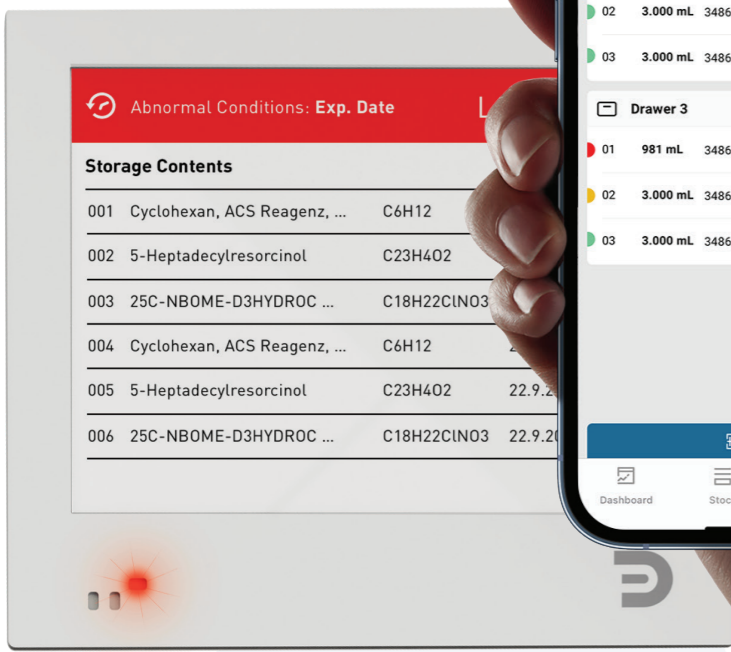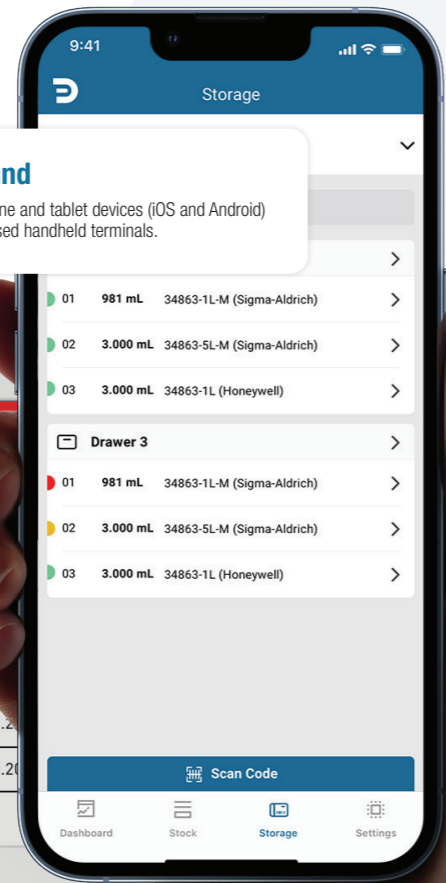
Tag & Track

Improve the traceability of your inventory and workflow by tagging your materials, documents and equipment with pre-printed QR codes and NFC-enabled Pregl Digital Smart Tags that trigger contextual information in the Pregl Digital app when and where you need it.

No strings attached With Pregl Digital you are always free to choose your inventory suppliers.

Here is how you would typically use it for a chemical

01
Add chemical

To add a new chemical to the system, simply select it from the 500,000 chemicals in the existing and fully expandable database that comes with Pregl Digital, or add it manually in three simple steps - enter the basic specifications, select warnings and safeguards, reference or upload the latest safety data sheet.
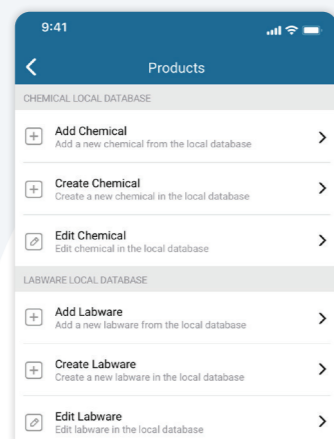

02
Inventory

Once the chemical has been added to the system, you can add new containers to the selected storage location by entering key information such as catalogue number, manufacture and/or expiration date, lot number, and certificate of analysis. Pre-printed Pregl Digital Smart Tags with QR code and NFC connectivity can be used for better traceability. Pregl Digital automatically checks if the chemical is compatible with the existing stock.
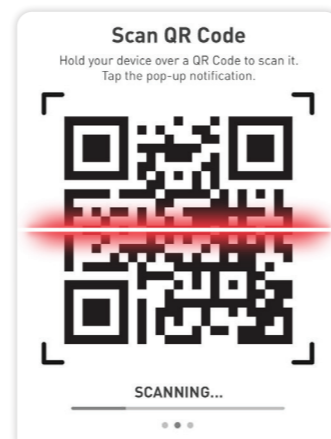
## 03
Keep track of your inventory

With the Pregl Digital app, you can find and document every change in chemical quantity in your lab. With customizable and granular user permissions, you decide who can see and use what at the lab, department, and organization level. And thanks to a robust audit trail system, the use of each miligram can be traced back to a specific experiment and user-reference or upload the latest safety data sheet.
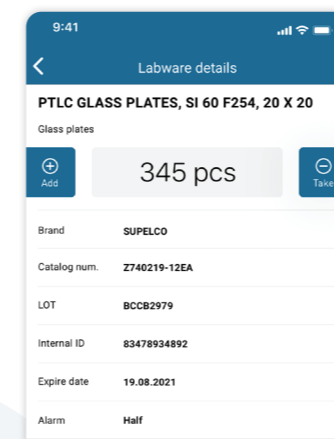
04
Automatic inventory and expiration date alerts

Pregl Digital keeps track of quantities and expiration dates so you do not have to, and alerts users when inventory is nearing minimum or expiration dates are approaching. Adequate alerts are also shown on optional Pregl Digital screens.
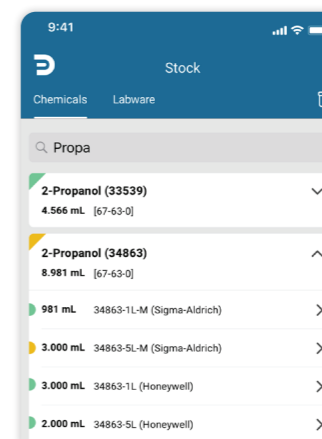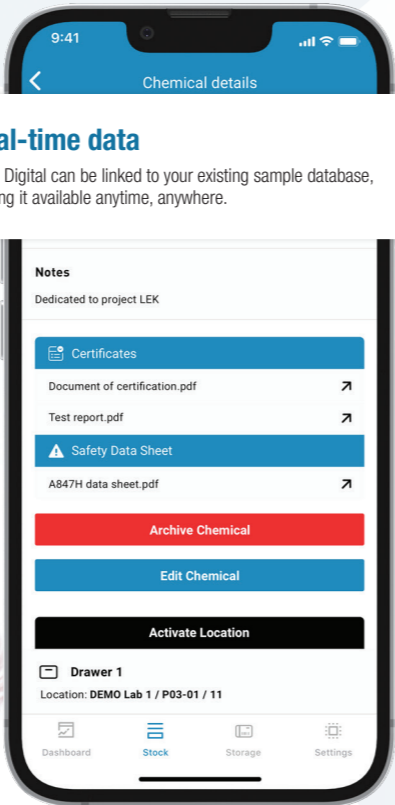

05
(Re)order inventory

To ensure there are no delays in your workflow, chemical stock can be requested from within the Pregl Digital app and sent to the appropriate person for purchase approval.

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Business as usual

While disrupting in the technological sense, Pregl Digital is designed not to disturb your daily routine, but to increase efficiency where you are losing time due to manual and repetitive tasks.

Lifecycle management

Sample lifecycle management is critical to a smooth lab workflow. With Pregl Digital, you can manage and track samples from registration to advanced sampling processes. With QR and barcode readability, the Pregl Digital app can be used to quickly review key information about a specific sample.

Industry-agnostic

Regardless of the category of samples you manage, Pregl Digital provides you with the ability to efficiently manage your sample inventory. It allows a user to easily find a specific specimen and share or transfer it to multiple users. When labeling samples, specific details can be used based on your workflow, such as the location of collection, time and date of collection (e.g., multiple samples), nature of sample (e.g., environmental, biological, multiple samples).

Trusted companion Pregl Digital complements all key laboratory processes to ensure traceability, repeatability and safety.

Real-time data
Pregl Digital can be linked to your existing sample database, making it available anytime, anywhere.

9:41
Chemical details

Notes
Dedicated to project LEK

Certificates
Document of certification.pdf
Test report.pdf

⚠ Safety Data Sheet
A847H data sheet.pdf

Archive Chemical
Edit Chemical
Activate Location

Drawer 1
Location: DEMO Lab 1 / P03-01 / 11

Dashboard   Stock   Storage   Settings

Interoperable

While providing a comprehensive solution to laboratory management, Pregl Digital is built to fit into your existing laboratory information ecosystem, including your electronic lab notebook system.

List

To increase efficiency and repeatability, Pregl Digital allows you to group lab consumables as needed for a specific chemical method. Real-time inventory tracking ensures that all necessary consumables are available at the time of the experiment.

Scalable and secure

As a cloud-based platform, Pregl Digital knows no limits when it comes to the size or complexity of your processes and inventory, the types of processes managed, or the number of users. At the same time, Pregl Digital provides a level of security for your data that no on-premise system can match, ensuring that your intellectual property is always safe.

Audit trail system Each step of the method and militer can be traced back to a specific method and user, increasing efficiency and repeatability in the lab.

Scan & manage
Pregl Digital app greatly simplifies management by enabling the reading of Pregl Digital QR code.

Scan the product code
Scan the product code you want to add to this storage container.

Acetone 32201-1L
CL05 2618 902

Cancel

9:41

Equipment management

With flexible equipment booking and asset management, Pregl Digital gives you simple but powerful tools to keep your equipment in perfect condition when you need it.

Calibration and maintenance

With your daily workload, it's not hard to forget about preventive maintenance on lab equipment and instruments. To ensure you do not lose time and money when expensive equipment breaks down, Pregl Digital lets you keep track of every piece of lab equipment, including the equipment information and details as well as logging calibration, maintenance, installation and performance details.

Equipment availability

There is nothing more frustrating than finding a piece of lab equipment that is not available when you need it for an experiment. With a dedicated shared equipment calendar, Pregl Digital can be used by authorized lab staff to manage the scheduling and availability status of each piece of lab equipment, even if a piece of equipment is not in use or needs to be serviced or calibrated before use.

Information where you need it   Pregl Digital screens can be used to display real-time information about calibration, maintenance and availability of equipment.

Equipment and vendor-agnostic
Pregl Digital app can be used to manage all existing or new devices in your lab.

9:41

Alarm Dashboard

Chemicals
2 >   1 >
Below minimum stock   Exceeding expiration date
5 >
Close to expiration date

Labware
3 >   0 >
Below minimum stock   Exceeding expiration date
0 >
Close to expiration date

Dashboard   Stock   Storage   Settings

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Catalyze your lab's efficiency, productivity and traceability.

Cost optimization

By tracking real-time, minimum and maximum inventory levels of chemicals and other laboratory consumables in your organization, Pregl Digital helps reduce and optimize your purchasing and disposal costs.

Improved efficiency

Pregl Digital increases transparency and productivity, helps streamline your workflow, and ensures that keeping lab inventory does not feel like a chore.

Traceability

Pregl Digital complements all key lab processes to ensure traceability, repeatability and safety, and notifies you when something requires your attention.

First of its kind

Pregl Digital screens are the first built-in, connected, and energy-efficient screens for lab furniture and you have information where you need it.

Catalyze your lab's efficiency, productivity and traceability.

Safety first

With Pregl Digital, you will always know where you are storing hazardous consumables, be alerted when you are storing incompatible consumables, and have safety data sheets just a button press away.

No strings attached

With Pregl Digital you are always free to choose your inventory suppliers.

Audit trail system

Each step and mililiter can be traced back to a scpecific methd and user

Pregl Digital Kits, your choice

Go Hybrid

Pregl Digital Location Stickers

With Pregl Digital Location Stickers your lab is transformed in minutes, and you get a digital workflow without any hardware installation. The location code sticker can be easy upgraded with a Pregl Digital screen without the need to re-enter any data.

What's needed?

- Dedicated Pregl Digital Cloud Account
- Pregl Digital Mobile App (All iOS and Android devices supporteed)
- Pregl Digital Location Stickers (Avalible in sets of 10 pcs)
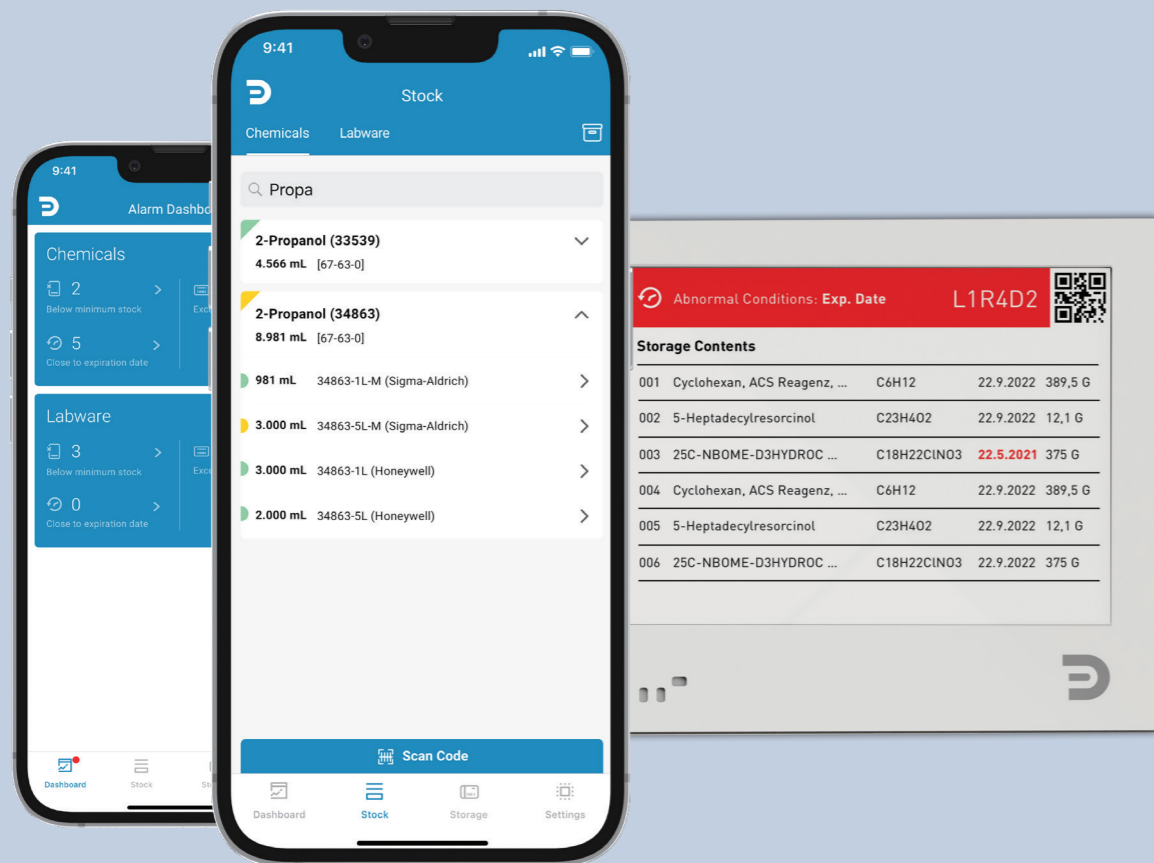
Go Digital

Pregl Digital Screens

Pregl Digital screens are available as built-in accessories in the Lab Interior furniture system or as stand-alone units that can be mounted on any surface thanks to the flexible, patent-pending mounting system. With fully customizable template editing and the ability to link it to internal or external data points, you can decide what to display on your Pregl Digital screens.

What's needed?

- Dedicated Pregl Digital Cloud Account
- Pregl Digital Mobile App (All iOS and Android devices supporteed)
- Pregl Digital Router
- Pregl Digital Screens (Avalible preinstaled or in packages for instalition in existing furniture)

800,000 +

different materials

Unlimited

types of consumables

Unlimited

user permission options

Start your digital transformation journey by scanning the QR code

and booking a demo tailored to your specific challenges and requirements.

PREGL DIGITAL

www.pregldigital.com

Catalyze your lab's efficiency

Materials　　　Samples　　　Methods　　　Equipment

info@pregldigital.com