



reddot design award
winner 2013



wesemann[®]
LABOREINRICHTUNGEN

LABterminal

THE NEW STANDARD FOR THE LABORATORY





Squaring the circle

The way to the perfect laboratory

So far we have never settled for standard solutions. And our success shows that we are right.

Wesemann belongs to the leading producers of high quality laboratory furniture systems and scientific classroom furniture in Europe. Since 50 years our company has been standing for innovative, user-oriented and functional solutions.

This experience of decades is a solid base of knowledge about our customer's needs and to develop suitable furniture concepts. We have been supporting many of our customers for a long time and therefore know about their requirements for flexibility. LABterminal has been developed in this respect.



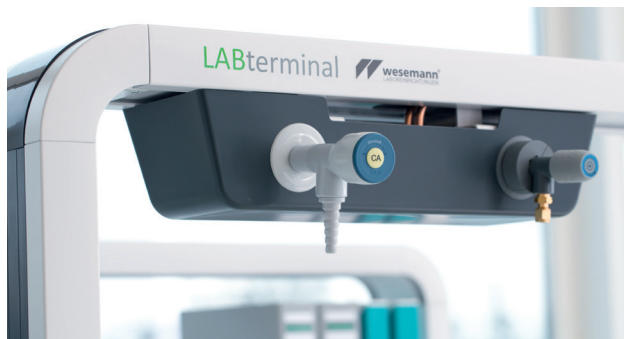
The System

How does a laboratory work today?

The requirements for a laboratory have changed. LABterminal is the first laboratory furniture to meet those changes.

The laboratory is in flux: Apart from the classic wet chemistry, more and more electronic instruments and computer systems have to be integrated to perform analyses and evaluations. Furthermore these instruments often have to be re-arranged for different tasks and projects.

The market demands a system living up to these ever new requirements. For this reason we have developed LABterminal – the first modular and mobile laboratory system. LABterminal is a solution for corporations emphasizing the fields of process and instrument analytics, serial tests and instrumental analysis for which LABterminal provides completely new possibilities.







The Concept

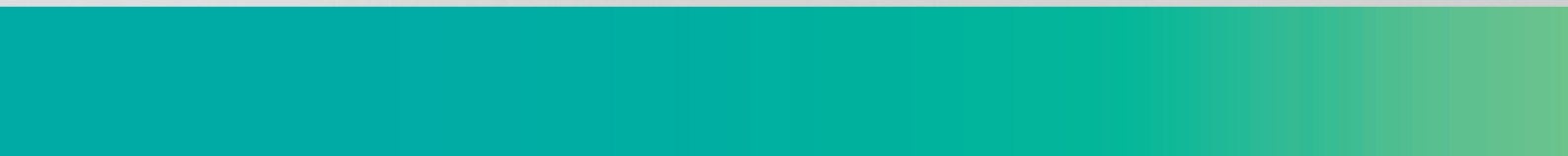
Mobile, modular, flexible

A modern laboratory concept has to be prepared for any needs – today and in the future.

LABterminal is the ideal alternative and addition to the classic row of laboratory furniture. Modern laboratories, e.g. project laboratories of the biotechnology sector, can thus gain new space for their daily routine. The system provides maximum planning safety as it is easy to modify at any time and can thus be easily adapted to ever changing applications and new instruments. Furthermore an extensive range of accessories is available.

That way this system provides the ideal equipment for companies that would like to flexibly work in certain fields and continuously have to adapt to their customers' requirements. As a result they make long-term investments in facilities, thus preserving their value.





The Mobility

LABterminal does what you want it to do

There has hardly been laboratory furniture which could be adapted to the user and the room conditions in such a flexible way.

The modern laboratory requires flexibility because rooms and furniture are not used in just one way anymore these days. Instead they have to meet different needs depending on the respective tasks.

The LABterminal configurations can easily and quickly be modified or completed. Also in the daily laboratory routine the user is able to flexibly combine the system as wanted without any effort. Thanks to the mobile modules the elements are also easy to relocate. Moreover, it is easy to put into practice special solutions. Or in other words: There is no “special” anymore, as with LABterminal everything becomes possible at any time!



LABterminal optimizes the laboratory surface – and makes the vertical presentable. In the truest sense of the word.

LABterminal is thought to be space-saving – and functions like a skyscraper: Instead of placing the instruments next to each other LABterminal consistently uses the vertical. In terms of the best possible use of the laboratory surface the instruments are stacked and shelves may be freely positioned at any height. This opens up individual design options: Computer and analysis workstations can be integrated into larger sized configurations, whereas control computers are ergonomically positioned at their optimum in front of the head.



The Modularity

LABterminal invents itself ever and ever again

Easy to modify: There are just a few steps from the independent single module to the laboratory island.



The core of LABterminal is an extremely stable multi-chambered aluminium profile with an integrated large-sized routing for services such as power, gases and data. The connector elements and skids consist of robust and durable aluminium die-cast elements.

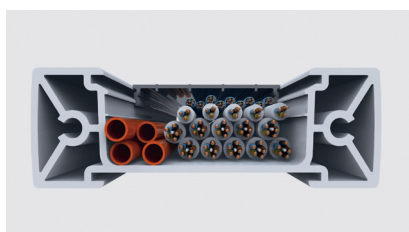
The single module is the basis and is available in three widths and two depths as a standard. By means of a sta-

ble T-connector LABterminal modules can be interlinked to larger units. Once “docked” the LABterminal module is an independent unit. The services can be supplied to the profile at any point – coming from the ceiling as well as from the wall.

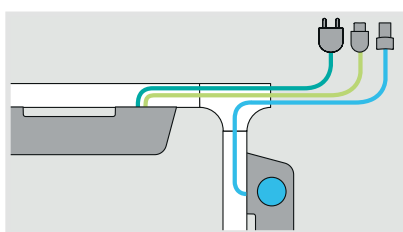
Modular makes independent: Services are used wherever needed.

With the LABterminal system the supply of services no longer depends on exactly defined connections but can be individually positioned instead. Services such as sockets, network connections and gas valves can be positioned at any point – inside and outside. Owing to the side position of the

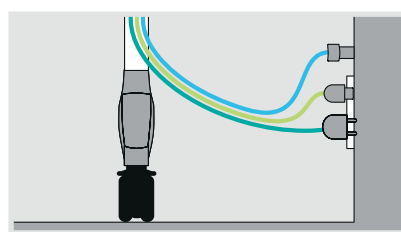
services the connections can always be perfectly reached. The M (service supply) box may be located inside as well as outside, at three different heights each on the left and the right side, inside or outside at the top. It really couldn't be more flexible, could it?



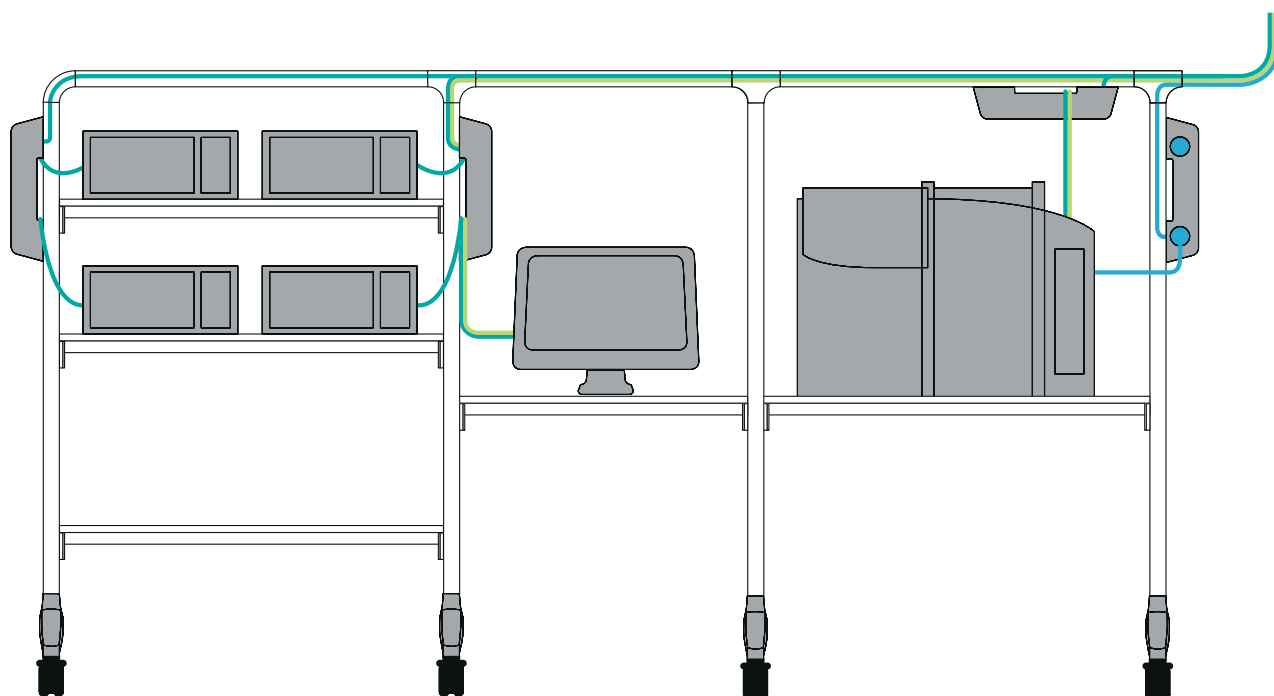
Large-size service trunking



Supply line above



Supply line below



Supply line above (ceiling supply)

■ Power

■ Data

■ Gas/Vacuum



The Details

LABterminal is prepared for you

Thought-out: The LABterminal structure is designed for a quick, easy and individual handling.

Looking closer, the benefits of LABterminal will become apparent also in detail. The ample service trunking offers lots of space for all services. With its grid sizes of 900, 1200 and 1500 mm the system is well prepared to hold instruments of different sizes. LABterminal is available in two depths and also two leg modules can be purchased: The C-frame module with 800 mm long skids and the symmetrically cons-

tructed T-frame module with skids of 800 and 1050 mm. The standing analysis workstation, the keyboard shelf on the side as well as the holder for the monitor and the control computer are also quite practical things. And with the integrated computer workstation LABterminal can even be changed into a desk.







Robust: LABterminal is well prepared for the hard daily laboratory routine.

LABterminal may be configured in an ideal way also with regard to the working environment. Depending on their use shelves and worktops are available in various depths. They are made of original Trespa® Athlon®, which is a robust solid grade laminate board. This system sets benchmarks also with regard to safety: Each LABterminal unit is designed for extreme strain; a single module may be loaded with up to 300 kg.



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