

Press release

Extraction cabinet for laboratory and workshop

Protection from the invisible danger

STRAUBENHARDT - At this year's Intec, the trade fair for manufacturing and automation technology in Leipzig, TBH GmbH presents from 5 to 8 February solutions for the removal of hazardous pollutants in the air. As a manufacturer of filtration and extraction systems, TBH will be presenting the DT100/150 extraction cabinet, in addition to a selection of mobile filter and extraction systems. With its height-adjustable work surface and integrated protective screen, it has been specially optimized for laboratory and workshop use.

The extraction cabinet consists of a basic model and can be extended with any attachment for detection and extraction. The adjustable protective screen ensures a clear view on the work surface and thus allows optimal use of the work area. Harmful particles that arise during the working process remain in the closed working area and then go directly downwards through various filters. The system has a differential pressure display to monitor these saturation filters. If a defined value is reached, the filters should be replaced.

The extraction cabinet is mainly suitable for cleaning with solvents, transfer work (such as powder, granules and liquids) as well as for gluing and painting work. There are dangerous gases and vapors that cause long-term irreparable damage in the human body. The fine aerosols first penetrate into the narrow ramifications of the lungs and continue to migrate into the bloodstream. Over that they spread themselves throughout the body and get stuck.

Many employers and employees underestimate the risk, as visible health problems often only appear after ten or more years. The particles are also so small that the eye cannot perceive them. For example, the high concentration of very fine particles in the spray mist is particularly treacherous during painting work. Most existing ventilation systems whirl up these particles in the ambient air continuously instead of removing them. However, only the reliable extraction and filtration of these harmful particles protects the health of the employees as well as the environment and machines.

Weitere Informationen:

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Caption: DT 100/150

Since 1992, TBH has been designing a healthy workplace environment free of harmful gases, foreign matter and dust. Our filter and extraction systems are used in a wide variety of production processes to protect people, the environment and the machine. The products meet the highest quality standards and are certified with the required test seals in the industrial and medical sectors. Whether standard or individual needs, we have the right solution for every extraction or filter requirement - worldwide.

You can also access this press release from the Internet at:

<https://www.tbh.eu/en/news-events/press.html>

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