



Adjustable-volume dispenser bottles

The Kartell range of plastic labware includes a variety of Adjustable Volume Dispenser Bottles.

The bottles are made of polyethylene (PE), which is suitable for chemical liquids and foodstuffs. The measuring container is made from polymethylpentene (PMP),

which is highly translucent for accurate measuring. The dispenser bottles come in 250, 500 and 1000 mL capacities, while the measuring container comes in 25 and 50 mL capacities.

The graduated clear PMP measuring cup slides up and down the tube and the variation in height changes the volume to be dispensed. The dispensed volume remains constant at any preset position of the cup. The cup is filled by squeezing the bottle and forcing the liquid up the tube. When the bottle pressure is released, the excess will be drawn back into the bottle and only the desired volume will remain.

Sieper & Co Pty Ltd
www.sieper.com.au

Demonstration hood

Hemco's Classroom Demonstration Hood is suitable for classroom experiments and demonstrations because of its viewing visibility from all four sides. An instructor can perform a science demonstration while the class can gather around and safely observe. The hood can also be used as an individual student workstation or vented storage enclosure.



A hinged viewing window or optional horizontal sliding glass panels allow for easy access and user safety. An integral exhaust blower safely exhausts fumes and odours. A vapour-proof light is factory installed. A wide selection of accessories, including tables and ducting, is also available for the user's specific needs.

HEMCO Corporation
www.HEMCOcorp.com

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Filtration safety cabinet

The LABOPUR 12X series is a safety cabinet for safe storage in laboratories and working premises without duct infrastructure. The cabinet features 15/10 steel doors covered with white epoxy and blue stripes.

The large glazed doors allow chemicals to be easily recognised while safely locked away. The cabinet also features four perforated shelves adjustable in height and extractable retention tanks.

The specially engineered active coal technology used in the filter provides high efficiency and has been tested and approved according to Norm NFX 15-211. The safety cabinet will protect staff, laboratory technicians, students and the environment from toxic fumes.

Due to its low energy consumption, the cabinet only requires a filter change every 10 to 12 months and uses less than 500 kWh/yr. The vertical compartment architecture allows segregated and secure storage, providing storage for a variety of chemicals in one convenient place.

Due to its filter technology, the cabinet can be used anywhere that safe storage is required for hazardous chemicals. LabFriend also carries a range of filters to suit a number of applications.

LabFriend
www.labfriend.com.au



Continuous inkjet printer

The Linx CJ400LE printer is tailored specifically for coding and marking in laboratory environments. It brings the simplicity and flexibility of the Linx CJ400 continuous inkjet printer to a version adapted to a lab, where it is used to code onto Petri dishes.

Teamed with an extensive range of inks, including odourless, low-evaporation and non-MEK options, the product delivers clear codes onto a range of substrates. Easy to use, clean and unobtrusive, its compact design means it weighs only 13.5 kg complete with fluids, and its small footprint takes up little bench space.

The hermetically sealed printhead is designed for mess-free operation with minimal cleaning. Typically it will cope with up to 100 starts and stops without manual intervention, making it suitable for multiple short runs. Fluid refills are quick and easy without opening the printer.

The unit starts up quickly and its Easi-Change Service Module can be changed in minutes, allowing scheduled maintenance to be carried out without the need for a trained technician or service call. Other innovations deliver a reduction on cleaning costs, ink and solvent consumption.

The printer's easy-to-use colour touch screen means users don't need complicated manuals or training, reducing the risk of error. A low-noise cooling system assures unobtrusive reliability. Ethernet connectivity means the device can integrate with other equipment.

Matthews Intelligent Identification Pty Ltd

www.matthews.com.au



Kartell
Labware division

Kartell Labware Division, established at the end of the 1950s, uses raw materials such as Polypropylene, Polystyrene and Polyethylene to advance laboratory plastics as natural alternatives to glass due to their light weight, high resistance and affordability.

Through its efficient production system together with the most modern technologies Kartell was granted ISO 9001 certification in 1995, acknowledging quality management systems that manufacture products to the highest standards.

For over 50 years the Kartell name has been synonymous with quality. Kartell plestlab®, dipeleb®, liquid handling, and technoKartell® families set the standard worldwide and Kartell are always looking for new products, materials, and production techniques to meet customer demands.

www.kartell.com.au
Distributors in every State in Australia

Storage system for LN₂ refrigerators

Statebourne Cryogenics has developed the Biorack racking system based on a 133 x 133 mm footprint to accommodate blood bags, cord blood bags, Falcun tubes, 96-well plates and IVF straws in a narrow-neck LN₂ refrigerator.

The Biorack range of LN₂ freezers holds up to 6000 x 2 mL cryovials in 100-place cryoboxes. The refrigerators have a neck diameter of 216 mm and a low loss rate (<1 L per day). They are suitable for mid-range users as they have a high storage capacity but a low consumption of LN₂ and samples can be stored in liquid or vapour phase. Traditionally, such vessels only store 2 or 5 mL tubes, so users with increasing numbers or types of samples would need to purchase a wide-necked LN₂ refrigerator.

The company can custom-build racks to suit other tubes and users can mix and match up to six different types in the same unit.

Capella Science

www.capellascience.com.au



Stereo microscopes

Nikon Metrology has released three stereomicroscopes: the SMZ1270, a stereo microscope with a large zoom ratio; the SMZ1270i, a version of SMZ1270 with intelligent features; and the SMZ800N, with enhanced optics and operability.

With their redesigned optics and advanced features, the stereo microscopes provide very good optical performance and enhanced operability, enabling researchers to carry out high-magnification, large-zoom-ratio and high-definition imaging with ease. The clarity of the images and improved ease of use will benefit researchers in a variety of fields, from medical to industrial.

Stereo microscopes have independent optical trains for the right and left eye paths, and thus naturally extend intrinsic stereoscopic viewing capability. In industrial applications, the instruments are used for research, development and quality control of products. They are required to provide advanced optical performance, such as high-magnification imaging and large fields of view, as well as ease of use.

Coherent Scientific Pty Ltd

www.coherent.com.au

