

Magnifying lamp



Bacto Laboratories Pty Ltd
PO Box 8511, Mount Pritchard 2170

For detailed information on this item enter **C025** on the **FaxForm** or use **SpeedEmail**.

The Wide Screen Magnifier lamp offers a large work screen with a 187 x 155 mm wide screen lens with 3-dioptre magnification. The stand features a steel cantilever arm and two swivel joints, allowing the magnifier lens to be positioned at any angle desired. The model features two 9 W fluoro lights housed under two clear protective screens, one on each side of the lens. It also features a convenient on/off switch positioned on an ABS head. The lamp is mounted on an easy-to-clean, plastic coated, heavy base which provides stability for standard bench use.

Chemistry vacuum pump



The Vacuubrand PC 3001 Vario automatic chemistry vacuum pumping system offers chemistry diaphragm pump technology combined with a fully automated vacuum control system. Applications include rotary evaporation, vacuum concentration, vacuum drying, general distillations and filtration.

The instrument is an oil-free, corrosion-resistant pumping system that provides a vacuum of 2 mbar, suitable for use with high boiling point solvents at room temperature.

The vacuum controller's software automatically detects the required process vacuum and tracks changes in the system.

The encapsulated cylinder head with stability cores prevents plastic creeping, while the non-contact flat sandwich diaphragm design improves reliability by minimising stress on the motor.

The PC 3001 Vario comes complete with solvent recovery options including water or dry ice condensers.

John Morris Scientific
PO Box 447, Willoughby 2068
PO Box 6348, Auckland DC 1015, New Zealand
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Portable water quality measurement

The Horiba Multi Water Quality Checker U-50 series portable water quality measuring system is capable of real-time, on-site measurement of up to 11 water-quality parameters, including pH and dissolved oxygen, in environmental waters such as rivers and lakes.

Equipped with a turbidity sensor, the U-50 series system can measure slight turbidity in water as clear as tap water. It is applicable to various measurement purposes, such as measuring natural environmental water quality and testing water supplies.

This system has adopted the measurement principle specified by the Environmental Protection Agency. It uses ancillary components with a long service life for improved reliability. It is designed to be waterproof, making it suitable for adverse conditions.

Australian Scientific
PO Box 335, Kotara 2289

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Handheld XRF analyser

The X-MET5100 X-ray fluorescence (XRF) analyser combines Oxford Instrument's Silicon Drift Detector (SDD) with a 45 kV X-ray tube. This technology delivers fast, accurate measurement and allows light elements such as Mg, Al and Si to be measured without the need for complex vacuum pump or helium tank attachments.

The product provides reliable analysis of aluminium and titanium alloys, as well as copper, nickel and steel.

The combination of the SDD, 45 kV X-ray tube and traceable empirical calibration mean that the instrument can accurately analyse and identify metal alloys in 1 s. Restricted elements, lead in toys, contaminants in soil and small concentrations in ores can be accurately measured at high speed. Trace element results, down to ppm level, can be achieved in seconds.

The instrument is IP54 (NEMA 3) approved for dust and water splash protection and built to withstand harsh analytical conditions.

Oxford Instruments
PO Box 7, Pennant Hills 2120

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Kartell Labware division



Kartell Labware Division, established at the end of the 1950's, 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 1996, acknowledging quality management systems that manufacture products to the highest standards.

For over 50 years the Kartell name has been synonymous with quality. Kartell plastilab®, dispolab®, 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.



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