

# Bench marks

Everyday equipment for routine analysis.



Omnifit's caps, available in all sizes.

## Chemically inert bottle caps

**Omnifit** [www.omnifit.com](http://www.omnifit.com)  
*If the cap fits*

These chemically inert PTFE bottle caps can be used with aggressive clean-in-place solutions, as well as for connecting tubing to inert fluidic systems, solvent reservoirs or waste bottles. Available in standard GL45 and GL32 thread sizes, with other sizes available on request, the bottle caps come in three basic designs, depending on requirements. A 'dual-connection' design is ideal for applications requiring a variety of tubing types and/or sizes to be connected to a single cap, while the 'no-twist' design has a central independently rotating PTFE block into which tubing lines are connected. The third option, a 'low profile' design ideal for limited space, is supplied fitted with 1-metre lengths of PTFE tubing already connected to the cap.

## Microplate

**Porvair Sciences**  
[www.porvair-sciences.com](http://www.porvair-sciences.com)

### *Manifold benefits*

Porvair's new acrylic manifold for the Microplate microplate system allows total automation of high-throughput solid phase extraction or protein precipitation experiments. Compatible with most commercial robotic control systems, the manifold permits robotic manipulators to rapidly and simply access and lift just the upper part of the Microplate. Each manifold comes complete with an adapter to fit standard 1 ml plates, waste collection reservoir tray and a square well collection plate.

## Genevac Model DD-4X

**Genevac** [www.genevac.com](http://www.genevac.com)

### *General-purpose centrifugal solvent evaporation*

Improved speed of evaporation, shorter condenser defrost time, more powerful software (including remote control functions) and the

flexibility to accommodate a wide range of sample formats are key benefits claimed for the new Model DD-4X. A redesigned centrifuge chamber, together with powerful IR lamps, dramatically increases the speed of evaporation. To improve high-throughput capability the waste solvent condenser chamber volume on the DD-4X has been raised and the condenser power has been increased by 50%. Interchangeable high-performance, solid aluminium rotors offer high-capacity handling of test tubes and vials. Alternatively, a swing rotor will accommodate tubes, vials, microtitre plates and Fast-Stack multi-deck microplate holders.

## Pipetboy Comfort

**Integra Biosciences Group**  
[www.integra-biosciences.com](http://www.integra-biosciences.com)

### *Lightweight ergonomic pipette*

Weighing only 190 grams, the new Pipetboy Comfort is designed for comfortable single-handed pipetting in the 1–100 millilitre volume range. The Pipetboy Comfort has in-built features to prevent accidental misuse. Incorporating a sterile PTFE-membrane filter the

Pipetboy Comfort prevents contamination from overflowing as the penetration of liquid is prevented. In addition the Pipetboy comfort will not squirt out under pressure even if a filled pipette is unintentionally aspirated. For sensitive samples all parts of the Pipetboy Comfort that come into contact with liquid can be autoclaved clean at 121 °C for 30 minutes. It also comes with a combined all-in-one stand and charging station that can be wall-mounted or can sit on the laboratory bench.

*These notes are compiled in the Nature office from information provided by the manufacturers.*