

# 30LD

## LARGE CONTAINER LEAK DETECTION

**High  
Speed**

**Accurate**

**Fully  
Adjustable**

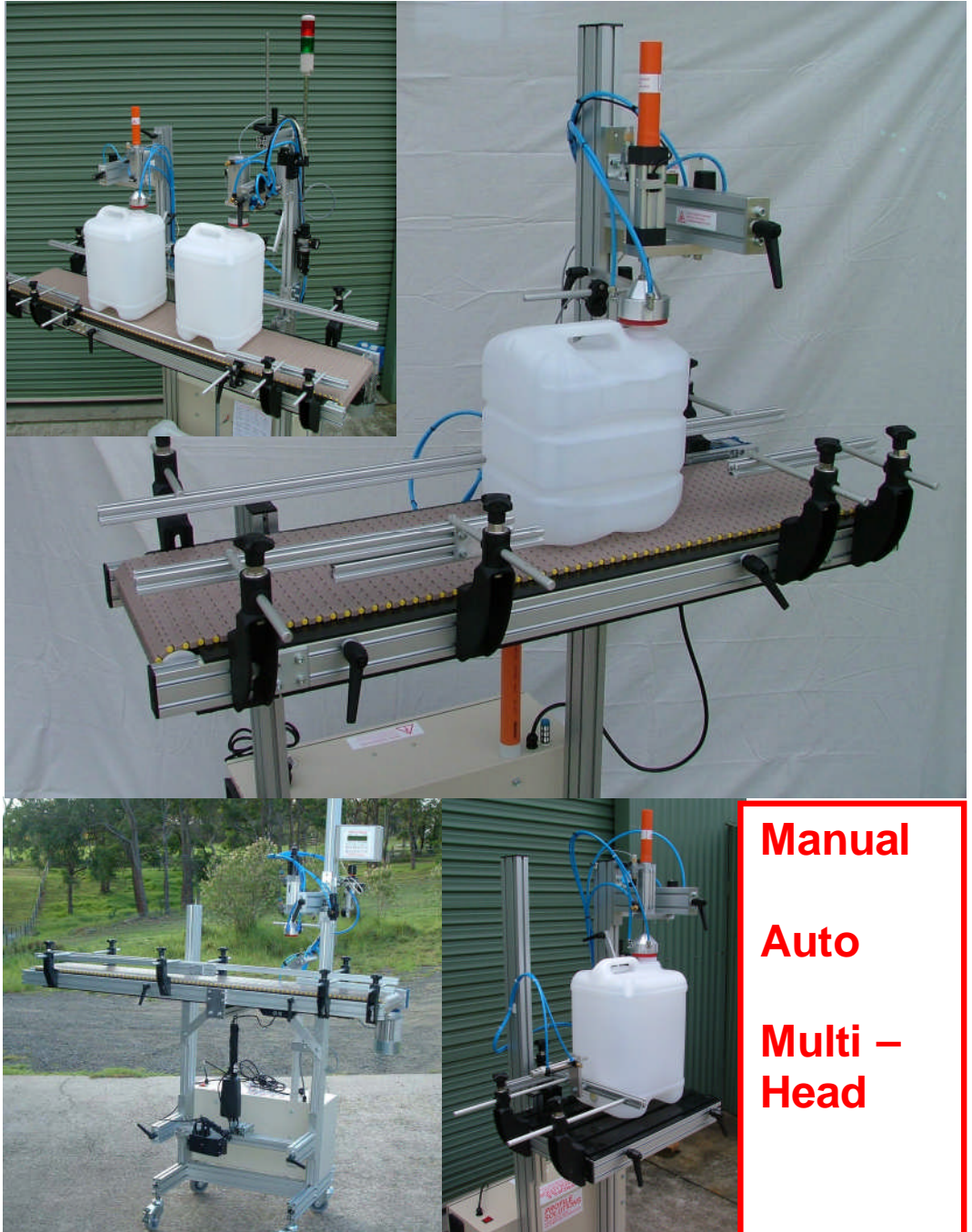
**Easy to  
Use**

**Instant  
Information**

**Custom  
Built**

**Many  
Options:**

**Self Test**



**Manual**

**Auto**

**Multi –  
Head**

# ***PROFILE SOLUTIONS***

**LEAK DETECTION + AUTOMATION TECHNOLOGY**

## Dedicated Design

Rather than using a generic controller, our **proprietary electronic controller** is designed specifically for bottle leak detection. Coupled with our ongoing commitment to technical improvement and innovation, this has ensured that the 30LD has remained at the forefront of leak detection technology. With high test rates of **4000 – 160 bottles per hour\***, the 30LD has the capacity to maintain optimal production.

## Accurate

Even at high-speed test rates, the 30LD will comfortably find holes as small as **0.17mm at the rates below**. Far smaller holes may be found by using increased test times.

## Fully adjustable, Fully customised

Every Profile Solutions leak detector is **fully adjustable** for a wide range of bottles and production situations. Bottles from 2L to 30L can be tested on a standard machine. Our **modular conveyor design** ensures that virtually any conveyor configuration can be easily accommodated. Every machine is built to be integrated into your existing production lines.

## Easy to Use

Advanced features take the hard work out of setting up and fine tuning the 6LD. This minimises the down time when changing bottle lines. Intuitive controls and simple adjustments dramatically reduce staff training times.

## Options Options Options

Some of our more popular options include:

- Self Test system which gives you your own built in test hole. That does not waste the checked bottle a system pioneered.
- Smaller or larger (than 74mm standard) test heads  
Inclusions heads for checking blocked necks
- Longer or shorter (than 1200mm standard, 47 inches) conveyors, mix and max the infeed lengths and outfeed sections to what you want. Easily changed years after purchase.
- Higher or lower (than 550mm-1130mm standard) conveyors, with electric and manual spindle height control.
- **Height Measurement (+/- 0.2 mm) and Top Load using transducers and proportional pressure valves.**
- We can also supply collating tables, bagging machines, CNC bottle palletiser, pallet dispensers, and bottle weighing systems.

## Still not fast enough?

If you require even faster test rates, our 30LD can also be made as a multi head machine too.

Test rates (BPH -bottles per hour↓)	1L (32 oz)	2L (64 oz)	4-6L (1 –1.5 US Gal)	10L (US Gal 2.5 )	15-20L (3.8-5 US Gal )	25-30L (US Gal 6.5-8)
Standard Conveyor	2500-3500	1500 -2000	400-750	300-500	150-300	120-160

## PROFILE SOLUTIONS

Contact us for a demonstration and quote  
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