

## LEAK DETECTION SYSTEM

### LEAK-MASTER® EASY

Leak detection system for packages. LEAK-MASTER® EASY features the detection even of the smallest leaks without the need of trace gases.

The package is placed into a chamber filled with water, the head space above the water-level is evacuated using a venturi vacuum (compressed-air) system. The package immersed in water inflates, any leak and the location of the leak is identified by a stream of bubbles.

#### Benefits

- short testing period (< 30 sec.)
- for all flexible and rigid kind of packs (food-, pharmaceutical-, industrial- and other packages)
- no trace gas required in package
- no calibration required
- easy-to-use intuitive system – no special skills required
- various chamber sizes available
- easy installation and start-up
- low maintenance
- easy to clean perspex housing
- no vacuum pump necessary
- no electrical connections



Other models, options and accessories available on request.

| Type                    | LEAK-MASTER® EASY  | Model  | usable chamber size<br>approx. in [mm] (inch)<br>(HxWxD) | overall dimension<br>approx. in [mm] (inch)<br>(HxWxD) | Weight<br>approx.<br>in [kg] (lb) |
|-------------------------|--|--------|--|--|-----------------------------------|
| Measuring System        | visual   | EASY 1 | 160 x 300 x 190<br>(6.3 x 11.8 x 7.5)                    | 497 x 386 x 249<br>(19.5 x 15.2 x 9.8)                 | 17<br>(37)                        |
| Calibration             | not required   | EASY 2 | 200 x 500 x 350<br>(7.9 x 19.7 x 13.8)                   | 542 x 595 x 360<br>(21.3 x 23.4 x 14.2)                | 35<br>(76)                        |
| Vacuum                  | max. 200 mbar abs.,<br>adjustable  | EASY 3 | 260 x 520 x 350<br>(10.2 x 20.5 x 13.8)                  | 620 x 625 x 428<br>(24.4 x 24.6 x 16.8)                | 55<br>(121)                       |
| Vacuum generation       | compressed air powered<br>venturi injector   | EASY 4 | 315 x 620 x 480<br>(12.4 x 24.4 x 18.9)                  | 863 x 829 x 614<br>(34.0 x 32.6 x 24.2)                | 108<br>(238)                      |
| Compressed air pressure | min. 6 bar, max. 8 bar   | EASY 5 | 335 x 750 x 480<br>(13.2 x 29.5 x 18.9)                  | 883 x 894 x 614<br>(34.8 x 35.2 x 24.2)                | 120<br>(265)                      |
| Connection              | G 1/4  |        |  |  |                                   |
| Accessories (incl.)     | hose connection OD 8 mm<br>hose connection OD 12 mm<br>adapter G 1/4 M to 1/4" NPT   |        |  |  |                                   |
| Housing                 | perspex  |        |  |  |                                   |
| Approvals               | Company certified according to<br>ISO 9001 and ISO 22000<br>for food-grade gases according to:<br>- Regulation (EC) No 1935/2004 |        |  |  |                                   |

B01/D3 subject to change