

## PHD-4 Portable Helium Detector

### Description

The PHD-4 portable leak detector of PRS International permits a full automatic detection of concentrations of helium. It is able to detect very small leaks in objects that have a slight helium/air pressure inside.

It is sensitive to helium concentrations as small as 2 ppm - equivalent to a leak rate of  $5 \times 10^{-6}$  atm-cc/sec, far superior to the performance by other means of detecting leaks, such as bubble-testing.

### Technical Information:

- Minimum detectable He concentration: 2 PPM
- Minimum detectable He leak rate:  $5 \times 10^{-6}$  mbar l/s
- Operation conditions (temperature): +5°C to +35°C
- Operation conditions (humidity): 90% RH
- Battery operative range
- Battery auto discharging: 0.1% max. / day 20°C



### Protection set-points levels:

MINIMUM VALUE	200 PPM (low sens.) & 2 PPM (high sens.)
DEFAULT VALUE	400 PPM (low sens.) & 100 PPM (high sens.)
MAXIMUM VALUE	600 PPM (low sens.) & 250 PPM (high sens.)



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