



Acoustic Leakage Tester (ALT)

Verifying the fit and sealing of custom earpieces, for example with a leakage tester, is critical to ensuring the correct performance, however this is not typically carried out. Factors limiting the use of leakage testers are size, weight, complicated tubing, noise and even cost. Leakage testers using airpressure often cause pain for the client due to over or under pressurisation.

Dynamic Ear Company, leaders in flat attenuating passive filter technology, universal fit hearing protection (HP) solutions and Dynamic Sound Technology introduce the first commercially available acoustic leakage tester.

Designed for use by Audiologists, custom earpiece manufacturers and anyone supplying HP solutions, the ALT from DEC is a portable, easy to use leakage test system for use with both custom and universal earpieces. Running on an iPod, ALT provides single button measurement and automated calibration routine, ensuring accurate results every time. Comfort and correct fitting are paramount for the client; being an acoustic system DEC's ALT eradicates pain and misfitting due to over and under pressurisation. Continuous measurements allow for verifying the correct fit in different jaw-bone positions. E.g. for vocal musicians with mouth closed and open.

Health and Safety departments wishing to train employees on the correct fitting and insertion of universal fit hearing protection can use ALT.

Features

- Acoustic Measurement
- One button calibration
- One button test
- Lightweight handheld device
- Leakage testing of both custom and universal earpieces
- Patent Pending
- Acoustic Sensor Unit replaces filter during testing
- Manufactured for use with DEC filters

What's included

- iPod running DEC acoustic leakage tester app
- Acoustic Sensor Unit - mono acoustic sensor unit for the measurement of custom moulds and universal tips manufactured for DEC filters
- Calibration Unit
- Carrying case and instructions
- 2 Year limited warranty