

# ALT

## Acoustic Leakage Tester

Fit and seal verification of custom earpieces is critical to ensure the correct attenuation performance of hearing protection. A leaky custom mould could reduce performance by 10 dB making the user susceptible to hearing damage.

Fit and leakage tests are rarely performed, test equipment being large and complicated to use, requiring a noisy pump and air tubes. The test is time consuming, noisy also potentially painful due to over or under pressurisation of the ear.

DECs Acoustic Leakage Tester not only simplifies the testing process, it's fully portable and easy to use, on site testing of the client can be carried out in less than a minute.

Designed for use by Audiologists, custom earpiece manufacturers and suppliers DEC universal fit HP solutions, ALT is an easy to use leakage test system for use with both custom and universal earpieces.

Running on an iPod, iPhone or iPad, ALT provides single button automated calibration and leakage measurement, ensuring accurate results every time. Comfort and correct fitting are paramount for the client; being an acoustic system ALT eradicates pain and misfitting due to over and under pressurisation. Continuous leakage measurement verifies the correct fit in differing jaw positions. E.g. for vocalists with mouth closed and open.

With changes to PPE regulations in industry, ALT becomes a central tool for Health and Safety departments in training employees on the correct fitting and insertion of universal fit hearing protection.



### Features

- Single button calibration & test
- Easy to read leakage indication
- iOS compatible; iPhone 5 and newer; iPod Touch 6G and newer; iPad Air, Mini, Pro and newer
- Leakage testing of both custom and universal earpieces
- Acoustic Sensor Unit replaces filter during testing
- Manufactured for use with DEC and Etymotic filters (Etymotic adaptor available on request)

### What's included

- DEC acoustic leakage tester app
- Acoustic Sensor Unit
- Calibration Unit
- Carrying case and instructions
- Optional iPod
- 2 Year limited warranty

