

**3M** Science.  
Applied to Life.™



# The right fit test. Right now.

## 3M™ E-A-Rfit™ Dual-Ear Validation System

### Features:

- ▶ Optional 3M Cloud data storage **NEW**
- ▶ Dual-ear testing
- ▶ Fast, clear accurate results
- ▶ Earplug & Earmuff testing capability
- ▶ Tests all 7 frequencies
- ▶ Report templates for analyzing data **NEW**
- ▶ Seamless software integration
- ▶ Science-based, quantitative testing
- ▶ Compact design
- ▶ Compliant with ANSI/ASA S12.71-2018
- ▶ Customizable list of hearing protection models in use **NEW**



# Hearing Protection Fit Testing Enhanced with 3M Cloud



Bolster the effectiveness of your hearing conservation program with individual fit testing with the 3M™ E-A-Rfit™ Dual-Ear Validation System to assess whether the hearing protection model worn by each worker provides adequate protection when properly fitted. This objective fit-testing system, now enhanced with optional cloud-enabled features, provides a personal attenuation rating (PAR) for each worker with data stored locally on the PC or, for data sharing, in the 3M Cloud. Cloud storage enables data to be more easily shared among authorized users and fit testing can be conducted simultaneously across multiple locations

accessing the same data. In the event of a loss of data on a local PC, the 3M Cloud serves as the data backup for recovery. With 3M hosting the Cloud, 3M will assure that worker data is protected and privacy requirements are met.

Also, new Excel templates for exporting data provides detailed insights to help improve fit testing efficiency and effectiveness. Detailed data showing pass/fail results by employee and by hearing protection model can help identify models that yield passing PARs or highest PARs for most employees.

## 1 Fit.

Have the employee insert their hearing protection.

## 2 Test.

Connect to microphones and begin speaker test sound.

## 3 Assess.

Use PAR to customize hearing protector selection.



# It starts with PAR.

To make sure they are getting the protection they need, you need to know the Personal Attenuation Rating (PAR) of every employee. The highest-NRR earplug or earmuff won't provide the expected protection if it doesn't fit right or isn't used right. Knowing each employee's unique number can take your hearing conservation program to a new level.

## Fail.

A "fail" result means the hearing protection is either not inserted properly or is the wrong type or size for the worker's earcanal.

✘  
**10 dB**  
Right



✔  
**29 dB**  
Left

## Pass.

A "pass" result means the hearing protection is inserted properly and provides sufficient protection for the worker's noise environment.

**NOTE:** Finding out each employee's PAR is the first step to a successful conservation program. Once a worker's PAR is measured, you can determine if they're using the right hearing protection and ensure they're trained on using it properly.



# What's your number?

Every employee is different. Every job is different. Every ear is different. Finding each workers unique number will help provide assurance that your employees have the right hearing protection attenuation to help prevent noise-induced hearing loss. That's why we made the new 3M™ E-A-Rfit™ Dual-Ear Validation System fast, accurate and easy.



Identify at-risk employees.

## 3M™ E-A-Rfit™ Dual-Ear Validation System



# Why 3M?

As the leader in hearing protection, 3M offers a complete solution, with dual-ear and earmuff testing capabilities plus a user-friendly interface. The 3M™ E-A-Rfit™ Dual-Ear Validation System is the fast and easy way to find your employees' PAR, because we know how important it is to make your hearing conservation program fit seamlessly into your operation.

Learn more at [3M.co.uk](https://www.3m.co.uk)



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Identify at-risk employees.