



# Test & Measurement



## Hearing Aid Test Boxes: Fonix – Frye Electronics

A hearing aid test box is a specialised device which enables the frequency response, distortion and output level of a hearing aid to be measured.

Please phone John or Richard if you would like more information or a demonstration.

Frye, the makers of Fonix test boxes, include with composite tone versions of their test boxes a Digital Signal Processing (DSP) test signal, designed specifically to test digital hearing aids with signal processing. The DSP test signal, which displays the response curve in real time, also makes the setting up of Radio Aids for use with hearing aids, whether linear or non-linear, much quicker and more straight forward.

### Fonix FP35 Hearing Aid Test Box

If you are a Teacher of the Deaf (TOD) the light weight FP35 is the ideal hearing aid test box choice. It is easy to use and in the optional soft carry case it is about the size and weight of a laptop computer and is easily transportable.



Fonix FP35 Test Box

#### Basic composite tone version (exc. carrying case)

This is our recommendation for a TOD assuming that they are not likely to need to carry out Real Ear measurements for the prescription of hearing aids. The included DSP test tone makes it suitable for testing digital aids and setting them up for use with radio systems. Weight: 4.68kg approx.

.FOFP35C Qty 1-2 £ 3800.00 each Qty 3-4 £ 3705.00 each Qty 5+ £ 3610.00 each



#### Real ear measurement with composite tone version (exc. carrying case)

This is our recommendation for those involved in the prescription of digital or analogue hearing aids. It provides Real Ear facilities including the DSL (Desired Sensation Level) fitting method. The DSP test signal for use with digital hearing aids is included as standard.

Testing with live speech is possible by using composite measurement with the test signal turned off. The FP35 then displays the spectrum response of the live speech which can be related to the target gain, measured in the real ear using the person's own voice, teacher or parent, to validate the hearing aid fitting. Weight: 4.68kg approx.

.FOFP35CT- Qty 1-2 £ 4050.00 each Qty 3-4 £ 3948.00 each Qty 5+ £ 3847.00 each



Example multicurve screen

#### VGA Option for FP35

– for use with external display or data projector – a useful facility for staff training.

This option is only available when ordered with a new FP35 test box (either version). £500 per test box



#### Fonix Open Fit coupler

Frye Electronics has designed the Open Fit Coupler in order to provide a realistic frequency response using a mechanism that makes it easy to attach the Open Ear hearing aid to the coupler. The Open Fit Coupler cannot be used to compare to manufacturing specification, but it will give you a realistic frequency response of Open Ear hearing aids with a test that is very easy to set up and perform.



GFOPEN £ 85.00 each

#### Microphone extension lead

2 metre FP35 coupler microphone extension lead. Very useful for use with basic version test boxes when testing neck loop radio aids.



.FOFP35MEX £ 18.00 each

#### Fonix consumables



Paper roll for FP30	.FOFAP30	£ 2.00 each
Paper roll for FP35	.FOFAP35	£ 2.00 each
Paper roll for FP40	.FOFAP40	£ 2.00 each

#### Carrying case for FP35

Portable computer style padded case with shoulder strap for an FP35 and accessories. A good product which protects the FP35, your car seat and your shins!



(Weight: 0.9kg)  
.FOFP35\*S £ 150.00 each



#### Testbox Trolley

Attractive, neat and strong – this folding trolley fits into a tiny area for storage then unfolds and extends in seconds when required to carry loads of up to 70/90kg.

One touch of a button and the load tray and wheels extend with ease. The handle is extended with the press of another button. Full details in Section 8.

