

Comparison of FONIX Hearing Aid Analyzers

● = yes ☆ = optional

Physical configuration	8000	FP35
Polar plot sound chamber	☆	
Portable		12 lbs
LCD display		●
External monitor/LCD display	●	☆
External sound chamber	●	☆
Remote module for real-ear measurements	●	
Soft carrying case (optional)		●
Battery pills	●	☆
RS232	●	●
USB	●	
Touch Screen		●

Coupler Tests

Real-ear measurements	☆	☆
ANSI 87/96/03*	●	●
IEC 94, JIS*	●	●
IEC 05*	●	●
ANSI 92	●	
Number of curves in Coupler Multicurve	10	4
Battery current drain	●	☆
Telecoil	●	☆
Harmonic distortion	●	●
Attack & Release	●	
Auto test	●	●
Enhanced DSP (group delay & phase)	●	
Attack & release screen	●	
Battery current screen	●	
I/O test screen	●	
Coupler Directional test screen	☆	

Real-ear Tests

Real-ear insertion gain	●	●
Real-ear SPL	●	●
Number of aided curves in real-ear test screens	4	3
NAL-RP, POGO, Berger, 1/2 Gain, 1/3 Gain, 2/3 Gain, Direct targets	●	●
Built-in DSL target-DSL4		●
Built-in NAL-NL1 target	●	●
DSL & NAL-NL1 using computer	●	●
Coupler targets in Gain		●
Coupler targets in SPL		●
Simulated real-ear		●
RECD	☆	☆

Test Signals

Composite/Digital Speech	●	●
Puretone sweeps	●	●
Digital Speech with Bias tone	●	
Intermodulation distortion sweep		●
Spectrum analysis/live speech functionality	●	●

Accuracy

Coupler measurements	± 1 dB	± 2 dB
Real-ear measurements	± 2-3 dB	± 2 dB

* FONIX analyzers come standard with one automated test sequence. Additional test sequences are optional.
The FP35 does not have ANSI 87 available.