



EvokeDx Feature Comparison

What have you have been missing?

Feature		1 st Gen	Comments
OLED, linearized stimulus display	✓	no	Premium specification, microsecond timing, successfully addresses luminance artifact contamination known to affect LCD displays.
Compact, beautiful, all-in-one design	✓	no	Delivered in one box, can be mobilized with optional case.
On-screen patient attention and gaze monitor	✓	no	Operator monitors both test recording and patient attention on screen.
Touch-screen user interface	✓	no	Beautiful, intuitive, easy to use.
Integrated double-shielded amplifier	✓	no	No need for the patient to hold or touch the amplifier.
Single or dual channel recording	✓	no	Record single channel (3 lead) or bilateral ERG or simultaneous VEP & ERG (5 lead) ... in one go!
Luminance calibration: auto & semi-auto	✓	no	Included luminance calibration, linearization, and calibration history.
Synchronous data collection	✓		Data collection is synchronized with the stimulus frame rate to eliminate time gap shifting and enhance Fourier Transformed calculations.
Industry – standard, snap disposable electrodes	✓	no	Other system may hold you hostage to proprietary electrodes. EvokeDx uses low cost solutions for patient disposables available from Konan or your choice of suppliers.
Novel VEP electrode T-band and keepers	✓	no	Simplified setup, placement of electrodes in scalp. Secure / comfortable scalp apposition during testing. Not required, an optional convenience.
Simple software upgrades	✓	no	Software is easily kept current with either on-request or on-screen notice of new version.
65+ years in the global market	✓	no	Konan Medical established in 1947, Hyogo Japan. Konan Medical USA is based in Irvine, CA
Latest technology	✓	no	Although EvokeDx does not yet have 2,000 installations, we are receiving trade-up requests every day from customers with older systems.

Feature		1 st Gen	Comments
NIH funded, multi-center clinical trial	✓	no	Yale Univ., Colombia Univ., Univ. of Virginia, Univ. of Tennessee, Univ. Alabama (Birmingham). Also replicated internationally.
Patented icVEP™ test strategies (3)	✓	no	Patented, unique to EvokeDx: (1) Single step bright check (M-cell ON), (2) bright check sweep (M-cell ON), and (3) dark check sweep (M-cell OFF).
16 total test strategies: icVEP, VEP, ERG	✓	no	Includes proprietary, novel, and ISCEV standard tests.
Novel, uniform-field sweep	✓	no	Brute-force assessment for marginal / poor acuity patients
Fourier transform analytics: T ² _{circ} , Sine : Cosine, Amp-Phase, and MSC	✓	no	Decisions are not based just on P100 latency. Analysis includes 1,000s of data points in the frequency domain. A new level of clarity for results interpretation.
Very short interval testing strategy	✓	no	Each runs is ~ 2 to 10 secs X 10 runs. Easy for patient to comply: more comfortable, high patient satisfaction even for seniors and small children.
Multiple child-attention animations	✓	no	Pediatric mode has multiple, user-selected animations to capture attention and then immediately start the short test.
Auditory cues: run start, run end, and test end	✓	no	Pleasant, intuitive cues to pay attention to start, and pause/ relax as opposed to auditory distractions during testing. No auditory distractions during testing.
Precision visual acuity: ETDRS & pediatric	✓	no	High spatial frequency tests require adequate acuity for a measurable response – easily verified on screen.
EMR EHR: local or network reports configuration	✓		Simple configuration for routing test results to network location.
Integrated Data Backup	✓	no	Simple configuration for routing data backups to network location.
Practice Personalized Reporting	✓	no	One or two page reports branded with your practice information and logo.
KonanCare™ – Web Enabled Support and Training	✓	no	Baked into each EvokeDx system is an “On-request” web-based presence for Konan customer support to assess and support your system.