

Clinical Systems

Objective Visual Function Testing

Visual electrophysiology and psychophysics

Experience the systems that
clinicians worldwide trust most



Reliable, precise,
and accurate

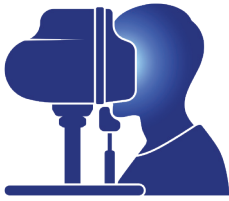


Chosen by thousands
of leading experts



Featured in hundreds
of peer-reviewed
publications





Leverage our decades
of clinical trial
support services



Full clinical systems

E3 console

Table top system

Compatible stimulators

- ColorDome®
- ColorFlash
- Display Monitor with Luminous Intelligence
- Envoy



Profile system

Cart system

Configurations

- Single cart with ColorDome
- Single cart with Display Monitor
- Operating room cart with ColorDome for supine testing
- Two-cart profile system with ColorDome and Display Monitor





- Standard and extended ISCEV tests
- View normative reference data alongside test results
- One nanovolt of resolution
- Data security with encryption and audit trails



DICOM compatible outputs



Additional software licenses for remote analysis

Standalone console

Psychophysical test configurations

- Full-field stimulus test (FST)-only
- Dark adaptometry add-on
- Pupillometry add-on

EEG system add-on

- Enables ColorFlash integration with third-party EEG systems



Visual flash stimulators



ColorDome®

- Stimulates the full natural luminance range of human visual function
- Mounted on cart or tabletop
- Binocular testing

- Full-field Electroretinogram (ERG) ✓
- Photopic Negative Response (PhNR) ✓
- Flash Visually Evoked Potentials (VEP) ✓
- Extended ISCEV ✓
- Full-field Stimulus Test (FST) ✓
- Electrooculogram (EOG) ✓
- Dark Adaptometry (DA) ✓
- Pupillometry ✓



ColorFlash

- Pediatric stimulator includes attention-getting animal sounds
- Handheld for testing at a distance
- Binocular testing

- Full-field Electroretinogram (ERG) ✓
- Photopic Negative Response (PhNR) ✓
- Flash Visually Evoked Potentials (VEP) ✓
- Extended ISCEV ✓
- Full-field Stimulus Test (FST) ✓

Visual pattern stimulators



Display Monitor With Luminous Intelligence

- Pattern testing for seated patients
- Artifact-free testing
- Binocular testing

Multifocal ERG (mfERG)	✓
Pattern ERG (PERG)	✓
Pattern VEP	✓
Sweep VEP	✓
Ring ERG	✓



Envoy Pattern Stimulator

- Pattern testing for supine patients
- Artifact-free testing
- Monocular testing

Multifocal ERG (mfERG)	✓
Pattern ERG (PERG)	✓
Pattern VEP	✓



All visual stimulators perform ISCEV standard tests of retinal function.

Supports flash-based tests defined by the International Society of Clinical Electrophysiology and Vision (ISCEV) standards, guidelines, and derived protocols.

ORDERING INFORMATION

D310: Profile Cart-based System

D315: E3 Tabletop System

All systems are configured with selected stimulators and modules.

PLEASE CONTACT US

if you would like more information on Diagnosys products.

US: Diagnosys LLC

55 Technology Drive,
Suite 100, Lowell, MA 01851

978-458-1600

sales@diagnosysllc.com

EU: Diagnosys Vision Ltd

Office 117, DOC Building,
Balheary Road, Swords, Dublin,
K67 E5A0, Ireland

+44 (0) 1223 520699

mail@diagnosysvision.com

UK: Diagnosys UK Ltd

5 Trust Court, Chivers Way,
Vision Park Histon, Cambridge,
CB24 9PW, UK

+44 (0) 1223 520699

mail@diagnosysuk.co.uk