

# EER Module

## Electrically evoked response stimulator

### EER Features

#### Advanced performance

- Bipolar adjustable current source
- Provides direct-current monopolar positive or negative pulses, bipolar pulses, or tri-polar pulses
- Current source is automatically configured via flexible protocol to inject current into either of two connections, one per eye

#### Full features, easy to use

- All-in-One electrical stimulation and response recording module
- Incorporated into Diagnosys amplifier for ease of use
- Most cost effective, compact module on the market
- Set up and initiate testing in minutes
- Easy to use fully integrated software user interface and reporting
- Standard Evoked Response electrodes and data reporting



### Specifications

EER module	<ul style="list-style-type: none"><li>• Currents between 0 and 2,500 microamps</li><li>• Adjustable in 5 microamps increments</li><li>• Capable of providing direct-current monopolar positive or negative pulses, bipolar pulses, or tri-polar pulses (zero, positive, zero, negative)</li><li>• Duration of the positive, negative, or zero component of each pulse is separately configurable in increments of 250 microseconds</li></ul>
Amplifier	<ul style="list-style-type: none"><li>• Full DC 2-channel, fully differential, 32-bit amplifiers have 1 nanoVolt resolution, which provide the highest resolution across the widest range and linearity in the industry; ultra-low noise</li><li>• 5 Volt input range ensures amplifier will not over-range</li><li>• Common mode rejection &gt;90 dB</li></ul>
Espion Software	<ul style="list-style-type: none"><li>• EER protocol set up, runtime and reporting are fully integrated</li><li>• Automatic peak/trough marker placement &amp; measurement</li><li>• SQL relational database</li><li>• Multiple operator modes</li></ul>

### EER ordering information

Model # D366

### Available as an option with the following systems:

- Diagnosys *E*<sup>3</sup> desktop systems
- Diagnosys *Profile* cart-based systems

ARM controller system, Espion v6.63, or later, software required

*Note: not registered for clinical use in all territories; check with Diagnosys for registration status in your country*



[www.diagnosysllc.com](http://www.diagnosysllc.com)

**US:** Diagnosys LLC; 55 Technology Drive, Suite 100, Lowell, MA 01851; 978-458-1600; [sales@diagnosysllc.com](mailto: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](mailto: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](mailto:mail@diagnosysuk.co.uk)



The information listed herein is accurate as of the date of printing, however may change at any time without notice. The contents may differ from the current status of approval of the product in your country. Please contact your local Diagnosys representative for more information. © 2021 by Diagnosys, LLC. All rights reserved.

Doc: 15304 Rev: D ECN 1605 Date: 15 Feb 2021