

"Ideal for Pediatric, Neurology, and Operating Room testing"

Features

Advanced capabilities

- ColorFlash has a flash luminance from 0.01 to 1,000 cd·s/m²
- Any flash or background color: red, green, blue & white LEDs
- Test patients at 30 cm (~1 ft), or any distance from 0 to 3 meters

Attention and fixation

- Trigger on handle controls testing and audiovisual fixation
- 9 built-in attention sounds including: cow, dog, cat, sheep, duck, bell
- Red LED moving cross fixation
- Buttons on device to control sound on/off, volume & sound selection
- Modes: No fixation, moving cross, sound, sound + cross

Applications

- ERG and VEP
- DiagnosysFST® and DA (additional license required)
- Pediatric, operating room
- Disease diagnostics, bleaching, ganzfeld backup

Specifications

Flash

| |
|---|
| Any flash color: from red, green, blue & white LEDs |
| Proprietary CIE compensation yields ultra-stable luminance & color output |
| Maximum white flash 1,000 cd·s/m ² and a range >100,000:1 |
| Flash duration adjustable from nanoseconds to minutes |
| On/off flashes and waveforms including ramp, sine, exponential, and arbitrary wavetable |

Background illumination

| |
|---|
| Any color background: red, green, blue & white LEDs |
| >3 order-of-magnitude background luminance range (10 to 10k cd/m ²) |
| Calibrated luminance output in photopic and scotopic cd/m ² |
| Colors selectable using standard CIE coordinates or color picker |
| Color wavelengths Red 630 nm, Green 525 nm, Blue 455 nm, White 5800K |

Dimensions

| | |
|-------------------------|--|
| Outer/viewport diameter | 18 cm (7 inches)/ 13.5 cm (5.3 inches) |
| Total height | 33 cm including handle (12.9 inches) |
| Weight | 0.8 kg (1.75 lbs) |



ColorFlash on desktop stand

ColorFlash ordering information

- ColorFlash Model #: D382
- Desktop stand included

Available as an option with the following systems:

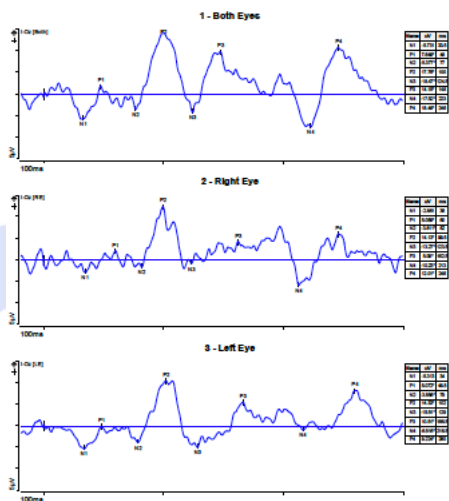
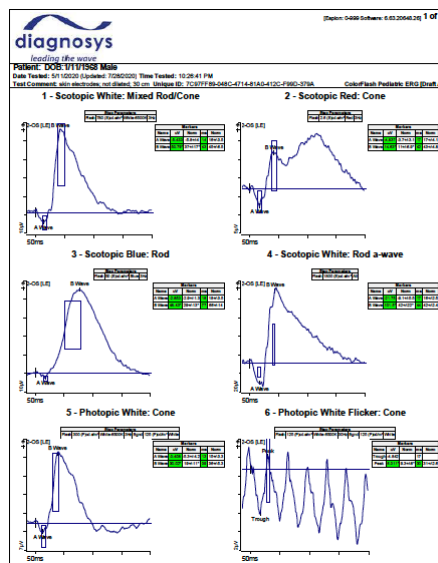
- Diagnosys E³ desktop systems
- Diagnosys Profile cart-based systems
- Espion v6.64+ software required; not compatible with E² systems

Simple to use, powerful test capabilities

Advanced ERG, VEP and FST capabilities

Pediatric ERG, OP's, flicker:

- ERG protocol optimized for Pediatric use; normative reference data included
- Tests rod, cone, bipolar under scotopic and photopic conditions in 1 protocol
- Nominal test distance of 30 cm
- Skin electrodes
- Non-Mydriatic testing
- Protocols comparable to ISCEV and extended protocols
- Custom protocols also available

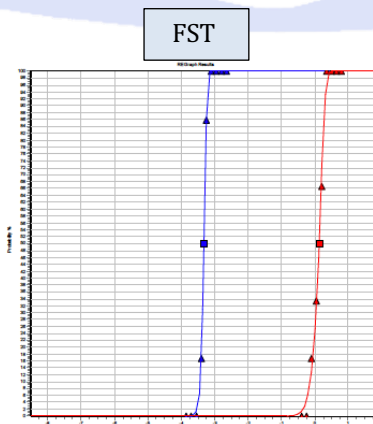
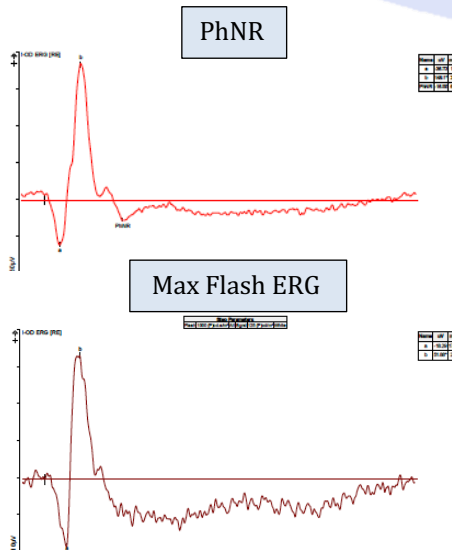


Flash VEP protocols:

- Standard VEP protocols: 1 and 3-channel
- Standard ERG and 3-channel VEP in one protocol
- Test binocular and/or monocular
- Flexible protocol length for difficult to test patients
- Nominal test distance of 30 cm; any distance from 0 to 3 meters possible
- Custom protocols also available

Advanced capabilities:

- **PhNR** (shown top left) with red flash on blue background
- Nominal test distance of 30 cm; any distance from 0 to 3 meters possible
- Any electrode (DTL, skin, etc)
- Non-Mydriatic or mydriatic testing
- Test patient to the **maximum** amplifier/electrode cable distance! (3 meters, shown bottom left)
- **FST** with white, red/blue or other colors (shown right)



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