

Visual Electro Diagnostic APS-2000

Features

- Digital biological signal magnifier
- Programmed control flash stimulator
- Colour picture stimulator
- Special electrophysiological A/D card
- Special software AVES 8000 - Blinker Electrode

Technical Parameters

- Picture visual evoked potential
- Flash visual evoked potential
- Picture electro-retina gram
- Flash electro-retina gram
- Retina surge potential
- Blinker flash evoked potential
- Electro-Oculo Gram
- Flash stimulator



Specifications

| | |
|---------------------------------------|---|
| Stimulating light colour | Red, yellow, blue, green and white |
| Flash frequency | 0.2~30Hz |
| EOG stimulating source | ±15degree red light and audio prompt |
| Flash strength | (cd*s/m2) 6.35e ⁻⁴ , 1.125e ⁻³ , 2.000e ⁻³ , 3.556e ⁻³ 6.325e ⁻³ , 1.125e ⁻² , 2.000e ⁻² , 3.556e ⁻² 6.325e ⁻² , 1.125e ⁻¹ , 2.000e ⁻¹ , 3.556e ⁻¹ 6.325e ⁻¹ , 1.125, 2.000 |
| Brightness of background light | (cd/m2) 0.949 1.687 3.000 5.335 9.487 16.870 30.000 |

Picture Stimulator Specifications

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|----------------------------|--|
| Stimulator colour | Red, yellow, blue, green and white |
| Mode of stimulation | Chessboard grid, standing bar, matrix and banner. |
| Stimulating zone | A total of 12 modes including up/down, left/right, central, full field, up, down, left, right, right top, left top, left bottom, right bottom. |
| Space frequency | 0.04, 0.09, 0.19, 0.38, 0.77, 1.55, 3.10 |
| Dual comparison | 40%, 50%, 60%, 70%, 80%, 90%, 100% |

Magnifier Specifications

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|----------------------------------|---|
| Common mode rejection | ≥120dB |
| Input impedance | ≥100M12PF |
| Input short circuit noise | Vp-p≤2.0 |
| Plus | 1~20k 8grades of programmed control |
| Frequency band | 0.1~500Hz 8grades of programmed control |