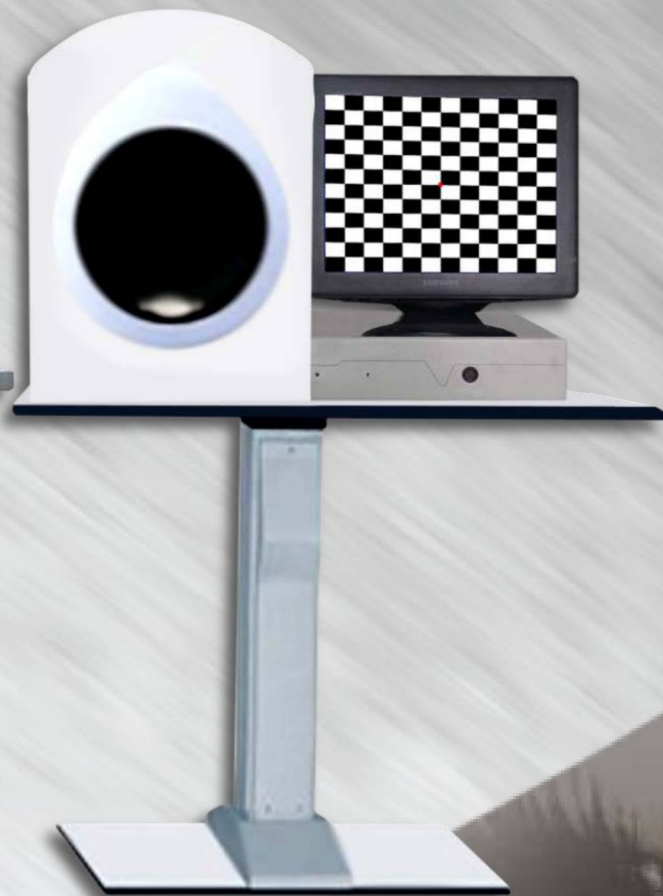




# APS-2000

## Visual Electro System



OPHTHALMOLOGY / ENT



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# APS-2000

## Visual Electro System



Cod. **APS-2000**

### Configuration:

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

### Main functions:

- Picture visual evoked potential
- Flash visual evoked potential
- Picture electroretinogram
- Flash electroretinogram
- Retina surge potential
- Blinker flash evoked potential
- Electro-Oculo Gram
- Flash stimulator
- Stimulating light colour: red, yellow, blue, green and white
- Flash frequency: 0.2~30Hz
- EOG stimulating source:  $\pm 15^\circ$  red light and audio prompt
- Flash strength: (cd\*s/m<sup>2</sup>)
  - 6.35e<sup>-4</sup>, 1.125e<sup>-3</sup>, 2.000e<sup>-3</sup>, 3.556e<sup>-3</sup>
  - 6.325e<sup>-3</sup>, 1.125e<sup>-2</sup>, 2.000e<sup>-2</sup>, 3.556e<sup>-2</sup>
  - 6.325e<sup>-2</sup>, 1.125e<sup>-1</sup>, 2.000e<sup>-1</sup>, 3.556e<sup>-1</sup>
  - 6.325e<sup>-1</sup>, 1.125, 2.000
- Brightness of background light (cd/m<sup>2</sup>)
  - 0.949 1.687 3.000 5.335 9.487 16.870 30.000

### Picture stimulator:

- 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, 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:

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



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