

PORTABLE VISUAL ELECTROPHYSIOLOGY

——SK-4500A



- **DIABETIC RETINOPATHY**
- **CHILD EXAMINATION**
- **ANIMAL EXAMINATION**

IMPEDANCE INDICATION

Real-time feedback of impedance values.
Facilitates doctor operations.

SKIN ELECTRODES

Adhesive design for easy placement of
electrodes. Repetitive use, less consumables.

PUPIL TRACKING

Real-time tracking of position and diameter
changes.& Real-time adjustment of the flash.

MULTIPLE EXAMINE

12 tests are supported, chosen according to
the patient's needs.

INDEPENDENT STORAGE

Independent storage of historical data for
tens of thousands of patients.

PARAMETERS

EXAMINATION ITEMS

FlashERG: Dark-adapted0.01; Dark-adapted3.0; Dark-adapted3.0OPS;
Dark-adapted10.0; Light-adapted3.0; Light-adapted3.0 Flicker

FlickerERG: DR;

Flicker4.0 Td.s; Flicker4.0 Td.s; Flicker16.0 Td.s; Flicker32.0 Td.s

FlashFVEP

BASIC PARAMETERS

Common mode rejection ratio: >100db

Gain range: 1k, 2k, 5k, 10k, 20k, 50k, 100k

Low frequency cut-off: 0.1Hz, 1Hz, 7.5Hz, 100Hz

High frequency cut-off: 75Hz, 100Hz, 300Hz

Curve capture time: 100-500ms

FLASH STIMULATOR

White background light intensity: 0; 30; 75; 100 (cd/m^2)

Flash intensity: 0.01; 0.025; 3; 7.5; 10; 25 ($\text{cd.s}/\text{m}^2$)

Stimulus light, background light colour: White, red, blue, green

Duration of flashing light: $\leq 5\text{ms}$

Frequency of stimulation: Single stimulation 0.05Hz, 0.1Hz, 0.5Hz;

String stimulation 30Hz

OTHERS

Human Machine Interaction: On-screen touch + button control

Monitor: 2.8inch; 320*240

Printer: External access

Operating system: Embedded Linux Systems

Language: Chinese, English, Russian, Spanish



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