These high performances, ultra-low noise amplifiers are specifically designed for visual electrophysiology applications such as:

- VEP
- ERG
- EOG

The amplifiers include controls for electrode impedance and for calibration. The amplifiers are designed to be placed close to the patient so as to minimize risks of interference. They are supplied with a small table with an adjustable height.

Number of input channels: 3 options: 2, 4, 5

Input dynamic: -3.2 mV to +3.2 mV

Admissible input DC offset: -1200 mV to +1200 mV (electrode polarization)

Input impedance: 1000 GOhms // 220 pF

Electronic noise level:
- from 1 to 25 Hz: 0.5 µV peak-peak
- from 1 to 800 Hz: 2.6 µV peak-peak

Common mode rejection ratio at 50 Hz: 115 dB

Automated test of electrode impedance: by application of a current of 20 nA with a 25 Hz modulation (because of the low current intensity, the test can be used even with contact lens electrodes, without risk for the patient).

Test of calibration: by injection of an input signal of calibrated amplitude.

High pass filter: programmable from 0.1 Hz up to 100 Hz

Low pass filter: programmable from 25 Hz up to 1200 Hz

Band reject filter: programmable at 50 Hz or 60 Hz
**Dimensions**

![Dimensions Image]

**Inputs**

- **CHANNEL 1**: active (+)
- **CHANNEL 2**: active (+)
- **CHANNEL 3**: active (+)
- **CHANNEL 4**: active (+)

**Electrical specification**

- **Length of cable to control module**: 3 m
- **Diameter of electrode plugs**: 2 mm (safety plugs in compliance with norm IEC 60601-1)

**Weight**

1.5 kg (without table)

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**WARNING**

The apparatus is of the BF type, with an electrically floating applied part. The neutral electrode input MUST NOT be connected to the earth plug.

The equipment includes safety input connectors for electrodes which are designed to avoid contact with other electrical conductors and earth.

Norm IEC 60601-1 does not allow the use of another type of connector.

Installation and servicing must be performed by qualified and properly trained personnel.

This apparatus is not explosion-proof. Do not use in the presence of flammable anesthetics.