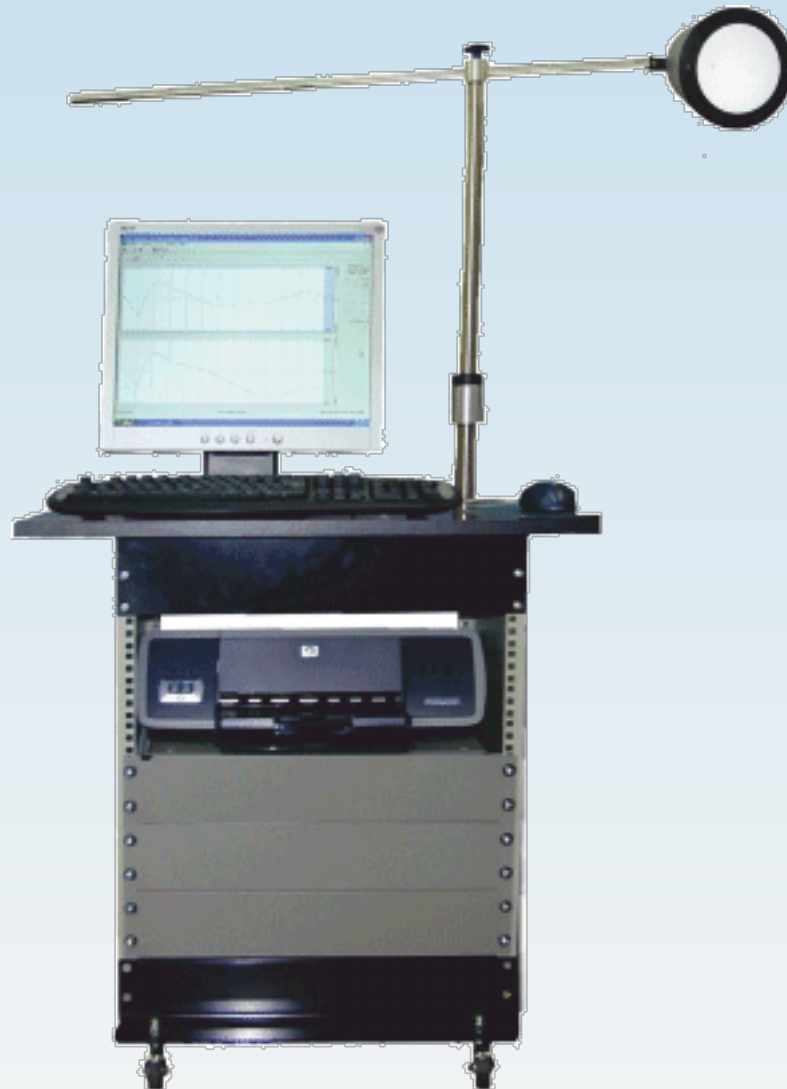


# ELECTROPHYSIOLOGY UNIT BM 6000-Transportable



## Software features

- **WinAver** for ERG-VEP

All software package are developed and run under Microsoft Windows



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## Standard Examinations

- **ERG** rod response
- **ERG** maximal combined response
- **OP** oscillatory potentials
- **ERG** single flash cone response
- **ERG** 30 Hz flicker response
- **VEPF** flash visual evoked potential

## Optional Examinations

- **VEP/PERG** pattern visual evoked potential and PERG
- **ERG/VEP** Mini-Ganzfeld

# TECHNICAL SPECIFICATIONS

## AMPLIFICATION/ACQUISITION UNIT

- AMPLIFIER CHANNELS: 4
- INPUT IMPEDANCE: >100 M
- CMRR: >100 dB
- AMPLIFICATIONS: FROM 100 TO 1,000,000 V/V
- H.P. FILTERS: FROM DC TO 2,000 Hz
- L.P. FILTERS: FROM 2 TO 20,000 Hz
- NOTCH FILTER: 50 Hz or 60 Hz
- RISOLUTION: 16 BITS
- ANALYSIS TIME: FROM 5mSec TO 60Sec
- NUMBER OF POINT: UP TO 16384 TOTAL
- ELECTRODES IMPEDANCE METER
- TESTING SIGNAL

## COMPUTER/PRINTER

- PERSONAL COMPUTER (Laptop, All-in-one or Desktop)
  - COLOUR INKJET PRINTER
  - O.S. Microsoft Windows
- (See quotation for latest computer and printer specifications).

## FLASH STIMULATOR

- LIGHT SOURCE: HiPower LED
- STROBE DURATION: <5 mSec
- STROBE INT.: from -3,5 to +0,5 U.L. ( S.F. 3 cd/m<sup>2</sup>/sec.) step 0,25 U.L.
- STROBE FLASH RATE: UP TO 100 Hz
- STROBE CALIBRATION: FACTORY MADE
- FLASH LAMP HEAD
- CENTRAL LED for patient fixation
- DOME DIAMETER 20 cm.

## STANDARD ACCESSORIES

- N° 250 DISPOSABLE ELECTRODES WITH EXTENSION CABLES.
- N° 10 DTL DISPOSABLE ELECTRODES.
- N° 1 SET OF INSTRUCTION MANUALS.
- N° 1 INSULATION TRANSFORMER, 230 V<sub>AC</sub> 50 Hz (115 V<sub>AC</sub> 60 Hz OPTIONAL), 0.3 KVA.
- N° 1 TRANSPORTABLE 19" RACK.

## OPTIONS

### Bm1612 CRT PATTERN STIMULATOR

- SPATIAL MODE: FULL FIELD, SQUARE BARS, CEQUERBOARD, HEMYFIELD.
- SPATIAL AMPLITUDE: FROM 2 TO 320 mm IN 16 STEPS.
- TEMPORAL MODE: ON SET/OFF SET, SQUARE MODULATION.
- TEMPORAL FREQUENCY: FROM 0.25 TO 36 Hz IN 16 STEPS.
- ON SET / OFF SET: FROM 200/200 TO 600/1000 IN 16 STEPS.
- \*CONTRAST: ADJUSTABLE FROM 1% TO 100% (THEOR.) IN 16 STEPS.
- \*MEAN LUMINANCE: 50 cd/m<sup>2</sup> MINIMUM.
- MONITOR: 17", Horiz Freq 38KHz, Vert Freq 72Hz.

\*This parameters are factory calibrated.

### BM6007B9.5Mini-Ganzfeld

- STIMULATION FREQUENCY: FROM 0.1 TO 100 Hz.
- INTENSITY: FROM -3.5 TO +1.5 U.L. REFER TO STANDARD FLASH IN STEPS OF 0.25 U.L. (0 U.L. = 3 cd/m<sup>2</sup>s).
- BACKGROUND INTENSITY: FROM 0 TO 600 cd/m<sup>2</sup>.
- INTERNAL DOME DIAMETER: 9.5 cm.

QUALITY AND SAFETY: IN COMPLIANCE WITH THE M.D.D. 93/42/EEC (EN 60601-1-2)

Any details given are subject to change without notice



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DEALER: