

ELECTROPHYSIOLOGY UNIT TYPE BM 6000 "Maxi" FOR CLINICAL AND UNIVERSITY LABORATORIES



Software features

- **WinAver** for ERG-PERG-OP-VEP
- **WinEOG** for EOG

All software package are developed and run under Microsoft Windows

Standard Examinations

- **ERG** rod response
- **ERG** maximal combined response
- **OP** oscillatory potentials
- **ERG** single flash cone response
- **ERG** 30 Hz flicker response
- **PERG** pattern electroretinogram
- **VEP** flash and pattern visual evoked potential
- **EOG** electrooculogram "Arden ratio"

Options

- **ERG/VEP** flash miniganzfeld



BIOMEDICA MANGONI s.n.c.

via Garibaldi, 179
56124 PISA - ITALY
Tel. +39 (050) 598133
Fax +39 (050) 577740

Laboratorio
via G.Carducci, 13
56010 Ghezzano (PISA)
loc. la fontina
tel. +39 (050) 879893
web site: www.biomedicamangoni.it

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 or 60 Hz.
- ELECTRODES IMPEDANCE METER
- TESTING SIGNAL
- RESOLUTION: 16 BITS

BM6007L GANZFELD STIMULATOR

- STIMULATION FREQUENCY: FROM 0.1 TO 100 Hz.
- INTENSITY: FROM -3.5 TO +1 U.L. REFER TO STANDARD FLASH IN STEPS OF 0.25 U.L. (0 U.L. = 3 cd/m²xSec).
- BACKGROUND INTENSITY: FROM 0 TO 600 cd/m².
- FIXATION LEDS: 30° / 45°.
- COLORS FILTERS ON REQUEST.
- INTERNAL DOME DIAMETER: 40 cm.
- STIMULATION AND ADAPTATION FILTERS INSERTION
- I.R. CAMERA
- VERTICAL ADJUSTABLE CHIN REST

COMPUTER/PRINTER

- PERSONAL COMPUTER with COLOUR MONITOR
- COLOUR INKJET PRINTER
- O.S. Microsoft Windows

BM1610 PATTERN STIMULATOR

- SPATIAL MODE: FULL FIELD, SQUARE BARS, SINUSOIDAL BARS, CEQUERBOARD, HEMYFIELD.
- SPATIAL AMPLITUDE: FROM 0.625 TO 320 mm
- TEMPORAL MODE: ON SET/OFF SET, SQUARE, SINUSOIDAL MODULATION.
- TEMPORAL FREQUENCY: FROM 0.1 TO 42.5 Hz.
- ON SET / OFF SET: FROM 1% TO 99%.
- CONTRAST: ADJUSTABLE FROM 1% TO 100% (THEOR.)
- MEAN LUMINANCE: FROM 10 TO 60 cd/m².
- MONITOR: 17", Horiz Freq 69KHz, Vert Freq 85Hz.
- VISUAL FIELD: 16° (at 120 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_{AC} 50 Hz (115 V_{AC} 60 Hz OPTIONAL), 0.6KVA.

OPTIONS

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/m²s).
- INTERNAL DOME DIAMETER: 9.5 cm.
- BACKGROUND INTENSITY: FROM 0 TO 600 cd/m².

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



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DEALER: