

# easySCAN

VEP, Pattern ERG, mfERG STAND ALONE

Visual acuity and glaucoma mfVEP as an option!

glaucoma-,  
retina-, macula  
optic nerve  
diseases

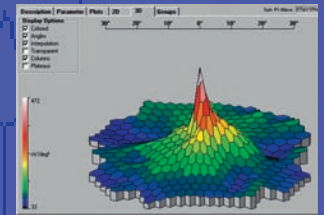
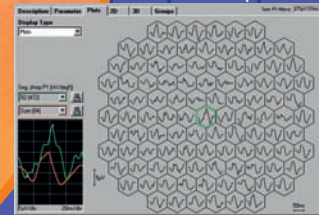
pattern stimulus PERG/VEP



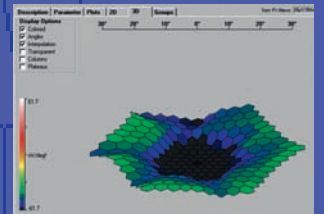
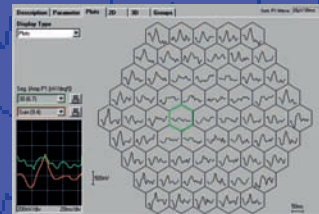
multifocal ERG



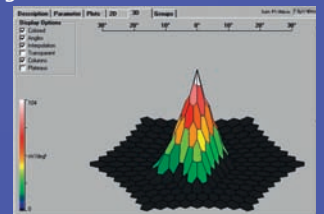
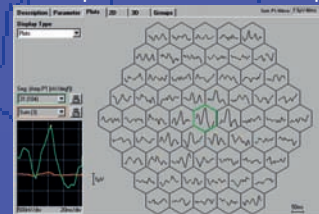
result: normal retina patient



result patient with makula degeneration



result patient with retinitis pigmentosa



THE NEW GENERATION! include wave let!

Certification:  
Quality Management System  
EN ISO 9001:2000  
EN ISO 13485:2003  
TÜV Rheinland CE 0197

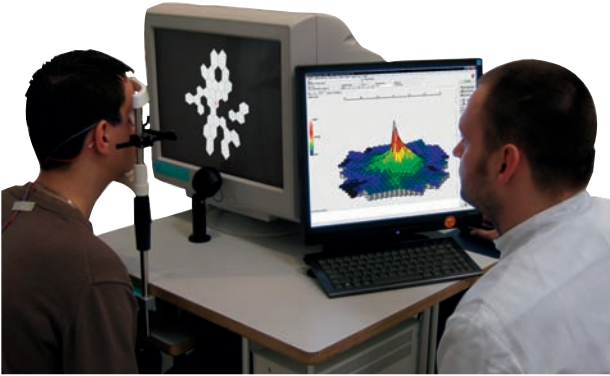


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CONSULT**

Electrophysiological diagnostic systems

# easySCAN: mfERG, VEP, Pattern ERG

Delivered with standard ISCEV programs. THE NEW GENERATION! include wave let!



## application

- Delivered with standard ISCEV programs
- User can make different own programs
- Bio signal and average result can displayed on the screen
- Automatic artifact rejection
- All amplifier data are software-controlled
- Automated impedance test can be started any time
- Easy graphical user interface with multiple independent windows
- Offline averaging of single response
- Multifocal analyze each signal with N1, P1 marker, 2D, 3D groups and user groups
- Many special mathematical features to calculate many different parameters
- FFT-Fast Fourier Transformation to analyze steady state results
- DSP-Digital signal Processing Filter
- Database with backup on DVDRW
- All data can export to EXCEL for statistic analyze
- Allow to analyze in local area network
- Compact interface technology in standard computers

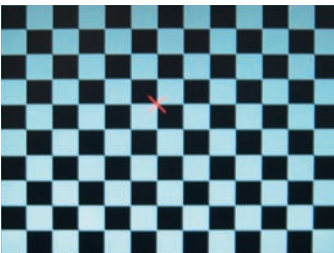
## Monitor Stimulator unit:

- High Quality Brand 21" color-monitor, luminance 120 cd/m<sup>2</sup>; high contrast
- Pattern or strip position: full, half or quarter
- Computer calculated the check size by input the angel in deg and minutes
- Contrast controlled over the computer from 3% - 99%
- Pattern reversal, appearance/disappearance
- For work with children special fixation pictures during the test

## Operating unit:

- Standard PC with Windows
- 19" TFT monitor
- Analog-digital-converter KPCI 12bit
- Color Ink-Jet printer
- Keyboard, mouse
- Bio signal amplifier 4 channel
- Type BF check-voltage 1,5 kV
- digital controlled amplifier
- Impedance 2 x 100 MOhm
- Noise <4μV(SS)
- Common mode reaction <110 dB
- Sensitivity 10μV/Div to 2 mV/Div
- High pass 0,02 Hz to 1 kHz
- Low pass 20 Hz to 10 kHz

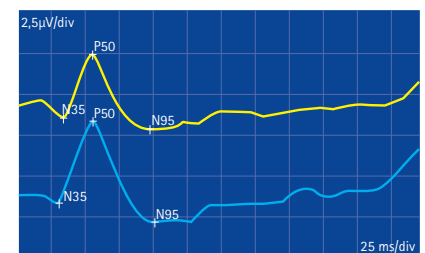
## pattern stimulus PERG/VEP



## pattern VEP



## pattern ERG



**ROLAND  
CONSULT**

*Electrophysiological diagnostic systems*

ROLAND CONSULT  
Office Brandenburg  
Friedrich-Franz-Str.19  
D-14770 Brandenburg/Germany  
Phone: +49 (0) 33 81 - 38 26 20, Fax: -49 (0) 33 81 - 38 26 21  
www.roland-consult.de, e-mail: info@roland-consult.de

Distributor: