

Two versions: RETIcom®Flash and RETIcom®Pattern

ROLAND's objective diagnostic tool
for the examination of the Retina and Optic Nerve

Made in Germany

Miniganzfeld for ERG and VEP



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

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The RETIcom® system is a electrophysiological diagnostic system for the light stimulation of the retina. Due to different defined flash and pattern stimulations ERG (Electroretinography) and VEP (Visual Evoked Potentials) responses can be recorded, analyzed and stored. Depending on the stimulator the user can objectively test the function of the Retina, Macula, Ganglion cells and Optic Nerve. The RETIcom® device can be easily connected to any existing Windows computer or laptop with a free USB connector.

Examination	RETIcom®Flash	RETIcom®Pattern
Standard Stimulator	Miniganzfeld	19" TFT Monitor
ISCEV ERG	●	○
Flash VEP	●	○
Pattern ERG		●
Pattern VEP		●
Visual Acuity		○
Glaucoma Detection		○
Contrast Sensitivity		○
Nystagmography		○

● Standard ○ Option

Standard



RETIcom®Pattern



RETIcom®Flash

Distributor:

Technical data:

- 2-Channel amplifier
- Type BF according to IEC 60-601
- Digitally controlled amplifier
- Input impedance 2 x 100 MOhm
- Noise level <4 µV pp
- Common mode rejection >110 dB
- Sensitivity 2 mV/Div to 20 µV/Div
- High pass 0,02 Hz to 1 kHz
- Low pass 20 Hz to 10 kHz
- Weight: 2,3 kg (Flash)/2,8 kg (Pattern)

Option: Up-to-Date Notebook

- Technical features improve in line with technical progress

Minimal System Requirements

- Single-Core Processor with 1,6 GHz
- Windows XP
- 512 MB RAM
- Resolution of 1280 x 1024
- 1 GB free hard disk space
- CD-ROM

Optional Stimulators



Miniganzfeld



Pattern Handheld



Flash Goggle



BABYflash

ROLAND CONSULT
Electrophysiological diagnostic systems

ROLAND CONSULT
Friedrich-Franz-Str.19
D-14770 Brandenburg
Germany

Phone: +49 3381 890-1034
Fax: +49 3381 890-2994
www.roland-consult.de
e-mail: info@roland-consult.de