

Ganzfeld Q450 C

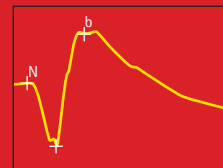
Ganzfeld Q450 SC

Advanced EOG, ERG and Flash VEP on the basis of ISCEV

The ROLAND CONSULT's High-End, software-controlled All-Color GANZFELD with white, royal blue, blue, green, amber and red LEDs for advanced Flash and Backlight
HIGH FLASH option: Xenon tube



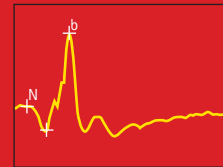
Rod ERG



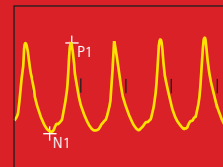
Standard combined ERG



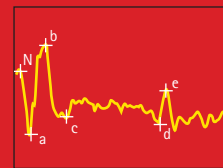
Oscillatory potential



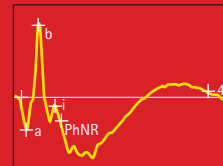
Single-flash cone ERG



30 Hz Flicker ERG



ON-OFF response



PhNR response

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

RC item no.: 19-1-60.1
Release: 24-04-2008

Ganzfeld Q450SC on Lifting Table



**ROLAND
CONSULT**

Electrophysiological diagnostic systems

Ganzfeld Q450 C, Ganzfeld Q450 SC

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Backlight intensities

Luminance in cd/m^2	White	Royal Blue	Green	Amber	Red
10		✓	✓	✓	✓
15		✓	✓	✓	✓
20		✓	✓	✓	✓
25	✓	✓	✓	✓	✓
50		✓	✓	✓	✓
100	✓				
450	✓				

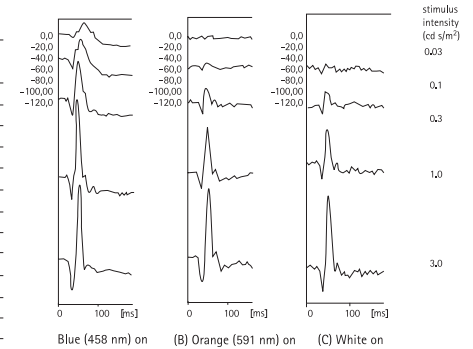
Q450 SC: other values, on inquiry

Peak wavelength of Color LEDs & Flash intensities with pulse-width modulation

Peak wavelength in nm	(6700 K)	455	470	525	590	625	
Steps in dB	Luminance in cd/m^2	White	Royal Blue	Blue	Green	Amber	Red
+ 5	9,5	✓					
0	3,0	✓		✓	✓	✓	✓
- 5	0,95	✓	✓	✓	✓	✓	✓
- 10	0,3	✓	✓	✓	✓	✓	✓
- 15	0,095	✓	✓	✓	✓	✓	✓
- 20	0,03	✓	✓	✓	✓	✓	✓
- 25	0,0095	✓	✓	✓	✓	✓	✓
- 30	0,003	✓	✓	✓	✓	✓	✓
- 35	0,00095	✓	✓	✓	✓	✓	✓
- 40	0,0003	✓	✓	✓	✓	✓	✓
- 45	0,000095	✓	✓	✓	✓	✓	✓
- 50	0,00003	✓					

Q450 SC: other values, on inquiry

Stimulation with blue, orange and white LEDs on the differently colored but luminance-equated backgrounds

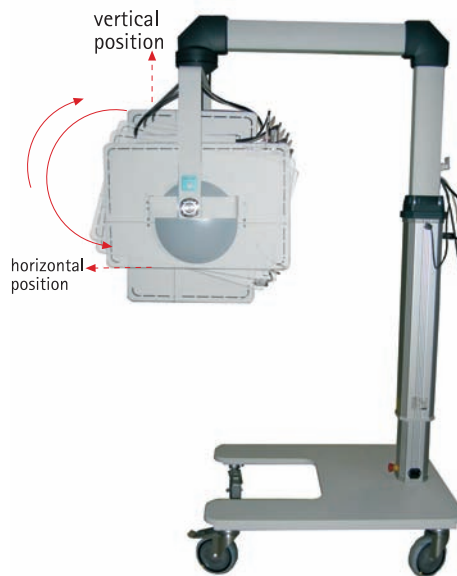


Included features:

- Advanced EOG, ERG, Flash VEP on the basis of ISCEV
- Globe diameter: 400 mm
- Installation on Lifting Table and hanging at Tilting Stand
- Continuously stepless, free Color Mix (Q450SC)
- Max. Flash duration: 5 ms
- Double Flash
- Integrated Video Camera to watch the patient
- Eye Fixation LED with Backlight-dependent intensity
- ON-OFF EOG
- EOG LEDs at 30-degree angle
- EOG Fast and Slow
- Audio Beep synchronal with EOG LED
- Audio Beep: left/right side
- Audio Flash warning before next Flash
- USB connection
- Voltage: 115 V – 230 V (medical device standard)

Tilting Stand

Electrically height adjustable, Ganzfeld rotatable/inclinable



Animal Table A1

- temperature-controlled,
- Retaining Arms for flexible Electrode placement



Option: „X“
– white Xenon High Flash tube
 (Ganzfeld Q450CX Ganzfeld Q450SCX) Flash intensities in cd/m^2 : 9,5; 30; 95

Automatic Ganzfeld Calibration

GOSSEN
 MAVO-MONITOR
 via USB



Electrophysiological diagnostic systems

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