VNG Goggle

Supplier in Lithuania	Atomedika
Brands	BIOMED JENA/Germany
Model	Combimask

Specification

Maximum frame rate	binocularly analysis at 100 Frames/s
Capture resolution	Resolution: 0,1 °
Video recording resolution	Camera: 1280 (H) x 1024 (V)
Connection to PC	USB
Weight (non occluded view)	290
Weight (occluded view)	338
Automatic side detection	yes
Field of view (H-V)	H (+/- 30°) V-+/- 25°
VHIT Capabilities	yes
Built in Fixation LED	yes
Automatic pupil centering	yes
On click pupil detection	yes

Software

Supplier in Lithuania	Atomedika
Brands	Biomed Jena/Germany
Model	eVNG+ eHIT
Specification	
Windows 10 32/64 Bits	yes
Run on Laptops	laptop/Desktop
Plug and play	yes
Types of test with the same software following options	
Videoscopy	yes
Spontaneous	yes
Gaze test	yes
Caloric	yes
Positional	yes
Positioning (Dix-Hallpike)	yes
Oculomotor test using LCD TV or LCD Projector	yes(OSCB)
VOR (CHAIR)	yes (VESTAR 100)
ENG Compatibilty	no

VHIT	Yes
DVA	Yes
SVV	No
User interface	
Hand remote control	No
Foot switch	foot switch
Touch screen	No
Video	
Real eye in live	yes
Video recording	yes
Video reply with or without sync on the trace	
Video export in a standard format	yes
Additional videosurveillance camera	yes (eFRENZEL add on)
Sound recording	Yes (eFRENZEL add on)
Eye monitoring on external TV screen	
TV/LCD from Oculomotor testing	yes
Third screen	no
Recording features	

Fully flexible recording sequency	yes
Multiple recording sequency	no
Redo one test without overwrite the old one	no
Report	
Fully customize feature	no
Patient findings	yes
Additional comments during test	yes
Subjectivepatient feeling	no
PDF Export	yes
Multiple report templates	yes
Audio cues	??
Nystagmus Analysis	
In real Time	yes
Automatic	yes
User friendly manual analysis	yes
Easy to add one nystagmus	yes
Easy to add multiple nystagmus	yes
Easy to delete multiple nystagmus	yes

Easy to delete one nystagmus on graph results or trace	yes
Algorithm parameter modification	yes

Recording sequency

Multiple sequency	yes
Adding new test that are not existing	yes

Caloric

Automatic culmination detection	yes
Analysis area movable	yes
IFO	???
Best fit	???
Parameter possibilities for caloric (AIR or Water)	yes
IFO LED automatically ON/OFF by software	
Connection to the irrigator	yes

Oculomotor

OPK scenic view with vertical black stripes	yes
Black/white vertical stripes	yes
Dot or Mickey mouse for kids	yes
Frequency and amplitude change	yes

Data Base	
Local data base	yes
Network data base	yes
Review station can connect on network data base	yes
GDT connector	yes
HL7 connector	optional
Automatic e-mail seding with patient protocol	no