Technical Specifications

EyeSeeCam vHIT

Interacoustics

General Technical Specifications

Medical CE-mark:	The CE-mark indicates that Interacoustics A/S meets the requirements of Annex II of the Medical device Directive 93/42/EEC. Approval of the quality system is made by TÜV – Identification no. 0123	
Standards:	**Safety:**	IEC 60601-1, Class II, Type B, applied parts
	EMC:	IEC 60601-1-2
Operating environment	**Temperature:**	15 - 35º C
	Relative Humidity:	30 – 90%
	Ambient Pressure:	98 kPa – 104 kPa
Transport & Storage	**Storage Temperature:**	10 - 35º C
	Transport Temperature:	10 - 50º C
	Relative Humidity:	10 – 95%

PC Interface	USB 2.0
USB supply	5VDC ±0.25VDC
Camera	Monocular camera, interchangeable between left and right eye
Goggle	Molded, flexible frame with snug fit, cleanable silicone contact areas. Fits pediatric and adult faces.
Weight	Goggle: 40g Camera: 32g Combined weight: 72g
Calibration	Goggle mounted laser with 5-point calibration
Sample rate	220 Hz
Head tracking sensor	Inertial Measurement Unit (IMU) gyroscope with 6 degrees of freedom
Gain	Instantaneous gain at 40, 60 and 80 ms – equivalent to scleral search coil method.
Data Analysis	Velocity Regression Plot, Gain Plot

System Requirements:

PC Hardware	Intel Core i3 processor 2.53 GHz or better
	Minimum 8 GB RAM
	One USB 2.0 port available
PC Software	Windows®10 (32-bit or 64-bit)
	Windows®8 (32-bit or 64-bit) Professional
	Windows®7 (32-bit or 64-bit) Professional

Included Parts

EyeSeeCam – vHIT camera and goggle[1]
USB cable
EyeSeeCam vHIT Software and manuals CD
OtoAccess™ Database software CD
Ferrite Beads
Tape measure

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[1] Applied part including the USB cable as according ti IEC 60601-1:2005