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# Technical Specifications

## EyeSeeCam vHIT

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## General Technical Specifications

<b>Medical CE-mark:</b>	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	
<b>Standards:</b>	<b>Safety:</b>	IEC 60601-1, Class II, Type B, applied parts
	<b>EMC:</b>	IEC 60601-1-2
<b>Operating environment</b>	<b>Temperature:</b>	15 - 35° C
	<b>Relative Humidity:</b>	30 – 90%
	<b>Ambient Pressure:</b>	98 kPa – 104 kPa
<b>Transport &amp; Storage</b>	<b>Storage Temperature:</b>	10 - 35° C
	<b>Transport Temperature:</b>	10 - 50° C
	<b>Relative Humidity:</b>	10 – 95%

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

### System Requirements:

<b>PC Hardware</b>	Intel Core i3 processor 2.53 GHz or better
	Minimum 8 GB RAM
	One USB 2.0 port available
<b>PC Software</b>	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 <sup>1</sup>
USB cable
EyeSeeCam vHIT Software and manuals CD
OtoAccess™ Database software CD
Ferrite Beads
Tape measure

<sup>1</sup> Applied part including the USB cable as according to IEC 60601-1:2005