

## Technical specifications:

ICS Impulse® System	
Interface:	USB 2.0 or 3.0 to PC
Power Supply:	Device is powered through USB: 5V DC/500mA ===
Performance Characteristics	
Inputs Head:	9 Axis Motion Sensor
Inputs Eye:	Monocular (Right eye only)
Sampling Rate:	250 fps - Impulse, VOR, Video Record/Playback 173 fps - Gaze, Skew Deviation, Dynamic, Repositioning
Video Recording	30 , 60 or 120 Hz – Impulse, Gaze, VOR, Skew Deviation, Dynamic, Repositioning, Video Record/Playback
Eye Tracking:	100 x 100 pixels - Impulse, VOR, Monocular Video Frenzel (ROI) 160 x 120 pixels - Gaze, Skew Deviation, Dynamic, Repositioning 376 x 240 pixels - Monocular Video Frenzel (Full Image)
OTOSuite® Vestibular software:	Windows Graphical User Interface; High Performance Analysis Software; Database Storage of Test Data; Sophisticated Patient and Test Data Management; Vision Denied for Testing in Complete Darkness
Laser specifications:	
Wavelength Maximum:	660 nm
Output power Maximum:	0.9 mW
Goggle Dimensions:	
Length:	7.25 in (18.4 cm)
Width:	0.5 in (1.3 cm) to 1.75 in (4.4 cm)
Height:	1.75 in (4.4 cm)
Weight:	2.1 oz (60 g)
Calibration	
Goggles have 2 built-in calibration lasers for patient calibration	
Standards	
Safety Complies with UL 60601-1, 1.ed., IEC 60601-1, 2.ed.: + A1 + A2, 3.ed. + A1, CAN/CSA-22.2 No. 60601-1 (2008), IEC 62471, 1.ed., IEC 60825-1, 2.ed. EMC complies with IEC 60601-1-2, 3.ed.	
PC Requirements	
Minimum computer requirements:	
Operating System:	64-bit: Windows 8 Pro, Windows 7 Professional & Enterprise 32-bit: Windows 8 Pro, Windows, 7 Professional & Enterprise
CPU:	Intel i5 processor
Memory:	64-bit (Windows 8 or Windows 7): 6 GB 32-bit (Windows 8, Windows 7, or Windows XP): 4 GB
Disk Space:	300 GB
Connectors:	Up to four USB 2.0 or USB 3.0 for the goggles, synchronized room video, presentation remote, and external monitor
DVD Drive:	DVD R/W
Monitor:	1600 x 900 Screen resolution
Components:	Mouse, keyboard
Internet access:	An Internet connection on the ICS Impulse computer is recommended during installation for installing synchronized room camera.
<i>Note. Our recommended computer brands are Lenovo™, Dell™, Hewlett Packard™, and Sony™. Installation problems were experienced with Acer™.</i>	
Presentation Remote	
Recommended:	Logitech Wireless Presenter R400, Kensington Wireless Presenter, or Targus Laser Presentation Remote

