

EN415/EO425

ENG Preamplifier



3-Channel Left Binocular setup

ENG for balance assessment

Interacoustics' new Electronystagmography (ENG) option, the EN415/EO425, offers you maximum flexibility when it comes to vestibular testing.

While most patients can be easily tested with the VN415 or VO425 video goggles, you will encounter cases from time to time that require the use of ENG, such as in cases of ptosis (drooping eyelids), or when testing very young patients and this is where EN415/EO425 is useful.

Using electrodes that connect to the EN415/EO425 preamplifier through the computer's USB port, you are able to conduct the relevant tests using the same software you use with your VNG system.

EN415/EO425 highlights:

- *Compatible with your VN415/VO425 system*
- *2 or 3 channel (mono or bino) setup*
- *Automatic centering*
- *Easy toggle between ENG and VNG*



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leading diagnostic solutions

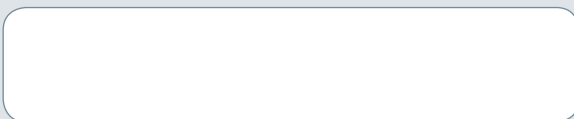
Technical Specifications

If you have a VN415, the same test battery will be available with EN415, and if you have a VO425, the same test battery will be available with EO425, as described below:

Safety standards:	IEC 60601-1 (Safety). IEC 60601-1-2 (EMC)
Performance standard:	ANSI S3.45
Software requirements:	Windows®7 (32 & 64 bit) Windows XP® SP2 Windows® Vista Business SP1 Windows® Vista Ultimate with or without SP1
EN415/EO425 and VN415/VO425 tests:	<ul style="list-style-type: none">• Bithermal/Monothermal Caloric• Spontaneous Nystagmus• Positional• Dix-Hallpike <p>EO425 / VO425 include the following additional tests:</p> <ul style="list-style-type: none">• Gaze• Smooth Pursuit (Tracking)• Saccade• Optokinetic
Internal noise:	Less than 4 μ V RMS with inputs shorted, bandwidth DC-40 Hz
Common mode rejection:	> 100 db measured at 10 Hz measured with 5K imbalance
Isolation:	Preamp is isolated relative to ISO 60601-1
Programmable gains:	1250, 2500, 5000, and 10000
Differential input impedance:	> 10 M ohm
Number of channels:	3
Low pass filter:	2 pole Butterworth switchable between 24 Hz and 40 Hz
High pass filter:	1 pole at 0.05 Hz or DC switchable
Impedance test circuit:	Impedance test circuit for individual electrodes up to 20 k ohms.
Voltage:	100-240 VAC, 50-60 Hz, 40W
Weight:	1.3 kg/2.8 lbs.
Dimensions (W x H x D):	295 x 52 x 238 mm or 11.6 x 2 x 9.4 inch.
Included Parts:	Installation CD with manual EN415/EO425 Preamplifier Skin prep swabs Alcohol pads Prep gel Snap electrodes Lead wires, set of 7, 24"/61 cm Patient cable (7 lead) Snap electrodes, set of 25 Power cable USB cable



Sales and service in your area:



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