MYON 320 S

SENSORS & ACCESSORIES

MYON IS PROUD TO INTRODUCE THE NEW 320S SENSOR SYSTEM, WHICH CAN BE USED EITHER STAND-ALONE OR IN PARALLEL WITH THE MYON 320 EMG SYSTEM. THE 320S MEASURES SIGNALS WIRELESSLY FROM 3 NEW TYPES OF SENSORS: ACCELEROMETERS, GONIOMETERS AND FOOT SWITCHES.

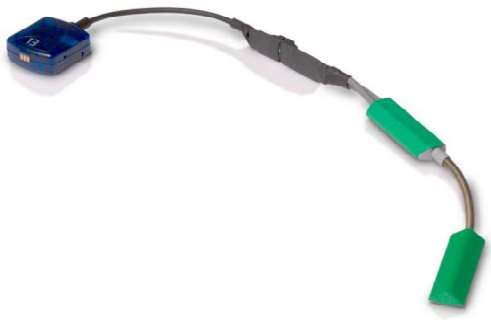
THE NEW SENSORS INTEGRATE WITH THE SAME WIRELESS TRANSMITTERS USED FOR EMG, AND THE SIGNALS ARE SENT WIRELESSLY USING MYON'S PROPRIETARY PROTOCOL, ENSURING THE SAME ULTRA-LOW 16MS LATENCY, UP TO 30M RANGE AS WELL AS PERFECT SYNCHRONIZATION FOR ALL MEASUREMENTS. FURTHERMORE, THE 320S SENSOR SYSTEM INTEGRATES WITH YOUR PC OR YOUR 3RD PARTY HARDWARE EXACTLY AS OTHER MYON SYSTEMS, MAKING IT VERY EASY TO INTEGRATE AND USE THEM TOGETHER.

MYON 320S ACCELEROMETER SENSOR

The myon accelerometer sensor measures linear acceleration in the X, Y and Z directions, with a frequency of 1600Hz per direction and a range of +/-16g. You can add up to 5 accelerometers to directly measure the accelerations of the object or subject to which the sensor is attached. This measurement can then be used to calculate other variables and parameters of interest, for example speed and the distance travelled.

MYON 320S GONIOMETER SENSOR

The myon twin-axis goniometer is an easy-to-use device that measures angles in two dimensions. A range of different sizes makes this device ideal for placing on joints to measure, for example, knee or wrist flexion/extension and ab/adduction. The goniometer gives you an accurate and reliable direct movement measurement with a range of up to +/- 150 degrees and a sampling rate of 2000Hz per dimension. The myon system supports up to 8 goniometers that simultaneously measure accurate joint angles without the need for expensive 3rd party equipment or complicated calibration procedures.



myon
SIMPLY WIRELESS

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MYON 320S FOOT SWITCH SENSOR

The myon foot switch sensor is the easiest way to automatically pinpoint key events such as foot contact and foot off, which can then be used to time normalize your EMG or other data. Each foot switch has 4 contact points, which, when positioned under the foot, generate different signals depending on which of the 4 are in contact with the ground and which are not. Sampled at 4000Hz, this foot switch signal can then be used to automatically generate events in software - a great way to improve reliability and save time.

ACCESSORIES

The following accessories are available:

Fastening straps with flexible pads

Material: shark skin

Sizes: S (25cm) - XXL (96cm)

Electrodes

Set à 25pcs.

MYON 320S APPLICATIONS

The robust design, ease of use, short latency and exceptional signal quality combine to make the myon 320S ideal for a large range of applications. The wireless aspect is a huge benefit for clinical gait and sports analysis, but more static scenarios such as ergonomics will also gain from less setup time and improved subject comfort. Furthermore, the low latency is ideal for biofeedback applications in rehabilitation and sports.

CONTACT SALES

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