Instructions

OPENGO
SENSOR INSOLE

Warnings

WARNING

See the detailed product information and tutorial videos in the support section of the moticon homepage www.moticon.com/support

Do not use a sharp object to remove user-replaceable coin cells.

Contact your local waste disposal department to properly recycle the coin cells. Perchlorate material, special handling my apply.

Warnings

WARNING

Remove the coin cells when you have finished your measurements.
Store the sensor insole only without coin cells.

The coin cell compartment must face down when inserting a sensor insole into a shoe.

The sensor insole does not need maintenance and must only be cleaned as described here
www.moticon.com/support

NOTICE ON RISKS ON HEALTH

- The OpenGo sensor insole is no orthotic. In case an orthotic is used, consult your doctor if it can be replaced by a OpenGo sensor insole.
- Only wear a left and a right sensor insole in order to avoid asymetric gait.
- Only wear OpenGo sensor insoles with socks to avoid skin irritation.
- Only wear OpenGo sensor insoles in the right size and in closed footwear.

Warnings

NOTICE ON RISKS ON HEALTH

Immediately stop using OpenGo sensor insoles if skin irritation or pain appears.

Do not wear OpenGo sensor insoles with open foot ulcers or wounds.

Do not wear OpenGo sensor insoles for driving cars or climbing ladders.

Do not wear OpenGo sensor insoles if strong foot sweat appears and do not expose sensor insoles to humidity.

OpenGo sensor insole overview

The **OpenGo sensor insole** is a fully integrated sensor insole. It is **completely wireless** and hence does not interfere the wearer‘s motion.

The sensor insole measures the **plantar pressure distribution, total loads** and the **acceleration** of the foot.

Specifications

Coin cell type	User-replaceable PD2032 (rechargeable), 3.7 volts
Coin cell life	Up to 29 hours, depending on operation mode
Operating temperature range	From 10°C to 40°C
Radio frequency/ protocol	2.4 GHz ANT wireless communications protocol
Water resistance	No, cleaning with liquid sanitizer

Power supply

Coin cell charger

Coin cells

OpenGo sensor insoles should exclusively be operated with **rechargeable coin cells** !

Primary coin cells (batteries) may cause mal-function due to a much faster voltage drop !

You need 1 coin cell model PD2032 for each sensor insole.

Coin cell	
Model	PD2032
Type	rechargeable
Voltage	3.7 V
Capacity	75 mAh
Cycles	400 (70 %)

Coin cell charger	
Model	wall adapter or other
Type	CC / CV
Charge voltage	4.2 V

Installing the coin cell

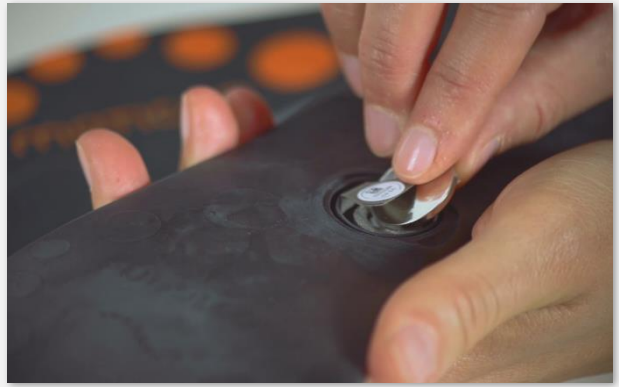
① Take the sensor insole upside down.

② Remove the lid by lifting the lid nose with your thumbnail.

Installing the coin cell

③ Prepare the coin cell with the positive side facing up in the displayed insole orientation.

④ Slide the coin cell under the positive battery contact flap.



Installing the coin cell

⑤
Place the lid with the nose inwards and centrical on the coin cell compartment.

⑥
Snap in the lid by pressing on it with your thumb.

Pairing the OpenGo sensor insole with a PC

Before you can connect your OpenGo sensor insoles wirelessly to your PC and view data in the analysis software Beaker, you must pair the sensor insoles with your PC.

Pairing the OpenGo sensor insole with a PC

① Shake the sensor insole to wake it up.

② Put the sensor insole next to the ANT stick, upside down to activate the pairing mode.

Pairing the OpenGo sensor insole with a PC

③ Activate the pairing function in the Beaker PC software.

④ After pairing has succeeded, put the sensor insole back upside up.

⑤ Repeat the procedure for the other sensor insole (left or right).

NOTICE

⚠ Ensure to only put one sensor insole in pairing mode at a time!

⑥ Type in a name for your sensor insoles in the Beaker PC software.

Installing the sensor insole

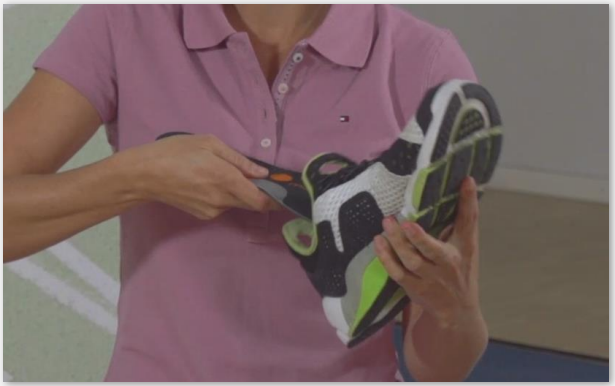
The intended use of the OpenGo sensor insole is **inshoe measurement**. Many different shoe types may be used.

NOTICE

Do not use the sensor insoles for measurements outside a shoe.

Installing the sensor insole

① Take out the original insole and slide in the front part of the sensor insole.



② Put your hand under the sensor insole for inserting it entirely into the shoe.

Installing the sensor insole

③ Push the heel part of the sensor insole carefully down into the shoe.

④ For taking the sensor insole out of a shoe, grab its underneath and pull it carefully out.

NOTICE

⚠ Make sure you do not bend or tort the middle part of the sensor insole while putting it in or taking it out from a shoe.

Misuse of the OpenGo sensor insoles

CAUTION

Do not cut the sensor insoles! This will damage its sensors.

CAUTION

Do not stitch! Sharp elements cause severe damage. Take care of spiky objects.

CAUTION

Do not bend midfoot! Atypical bending destroys the electronics.

CAUTION

Do not tort! Atypical tortion destroys the electronics.

FCC compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions.

FCC compliance

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

This product does not contain any user-serviceable parts.

FCC compliance

Changes or modifications not expressly
approved by the party responsible
for compliance could void the
user’s authority to operate the equipment.

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