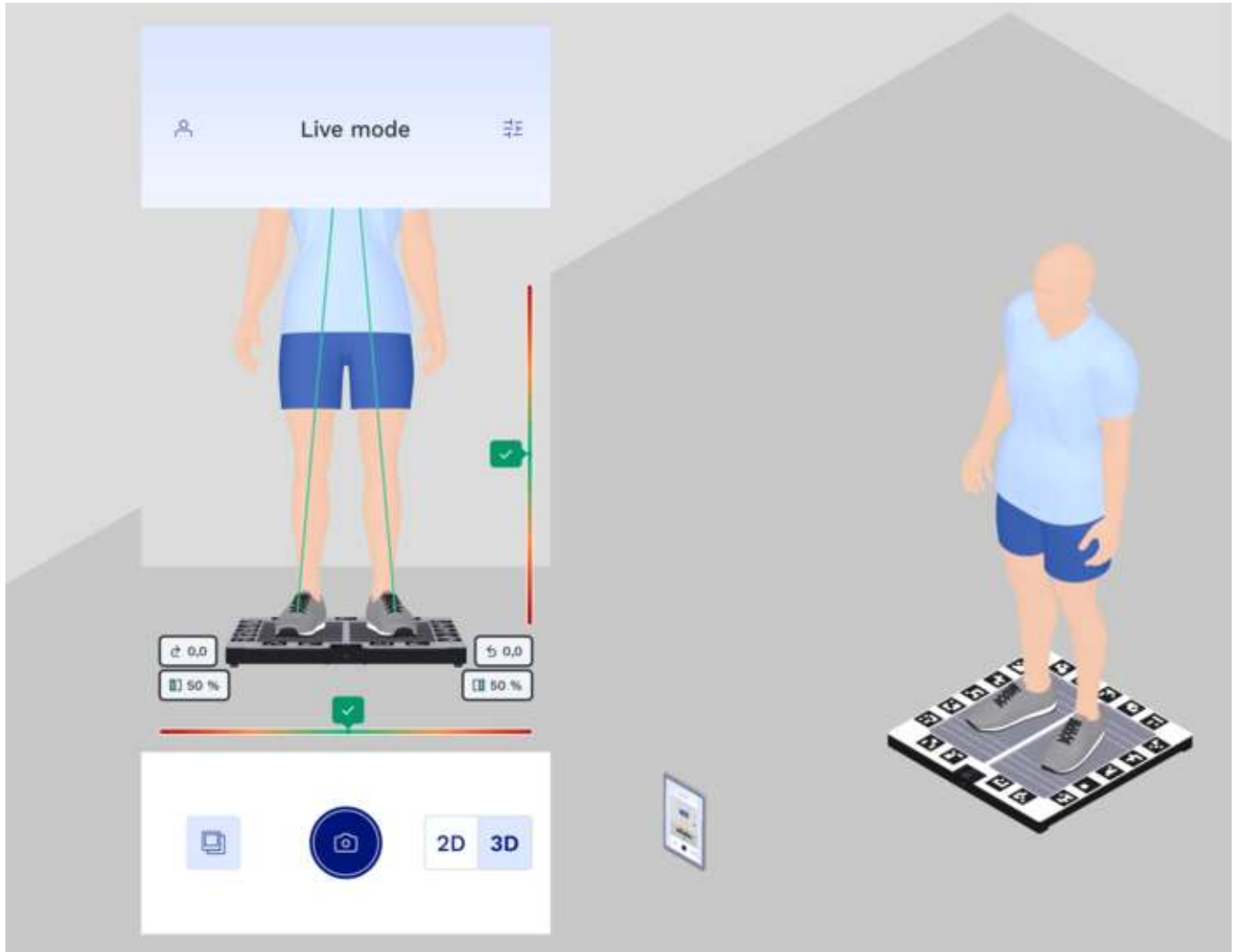




lazar posture.
743L600=1-1

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1 Important information on this document

INFORMATION:

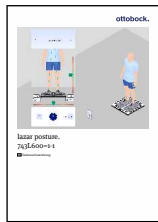
- Please read this document carefully before using the product and observe the safety notes and warning messages.
- Please contact the manufacturer if you have questions about the product or in case of problems.
- Keep all supplied documents in a safe place.

This document and the product are intended exclusively for qualified personnel with technical knowledge of prosthetics and/or orthotics. Ottobock seminars, information materials and service are available for further training and to answer any questions (for contact details, see the manufacturer's address at the end of this document).

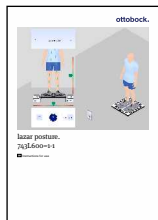
The illustrations show the user interface of the app in English.

Because of technical changes and updates, the illustrations may deviate from the product that is delivered.

Documents included in delivery



647W13=DE_INT



647W13=EN_INT

Instructions for use

Article number (German):

647W13=DE_INT

Article number (English):

647W13=EN_INT



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Quickstart guide

Quickstart guide (brief instructions)

Article number:

647W15=ALL_INT

Additional documents available for order



647W13=*_INT

Instructions for use

Article number (French):

647W13=FR_INT

Article number (Italian):

647W13=IT_INT

Article number (Spanish):

647W13=ES_INT

Article number (Portuguese):

647W13=PT_INT

Article number (Dutch):

647W13=NL_INT

Article number (Hungarian):

647W13=HU_INT

Article number (Czech):

647W13=CS_INT

Article number (Chinese):

647W13=ZH_INT

Article number (Korean):

647W13=KO_INT

Ordering documents



The documents listed in this chapter under the headings “Documents included in delivery” and “Additional documents available for order” can be ordered as a PDF file or a printed copy.

The following information is required:

- Recipient address data (company name, first name and last name of the customer, full address)
- Article number of the document (example for French: 647W13=FR_INT) – the latest version is always delivered
- Photo of product nameplate (at bottom)

Email address for ordering digital documents (PDF files)

- pem-documents@ottobock.com

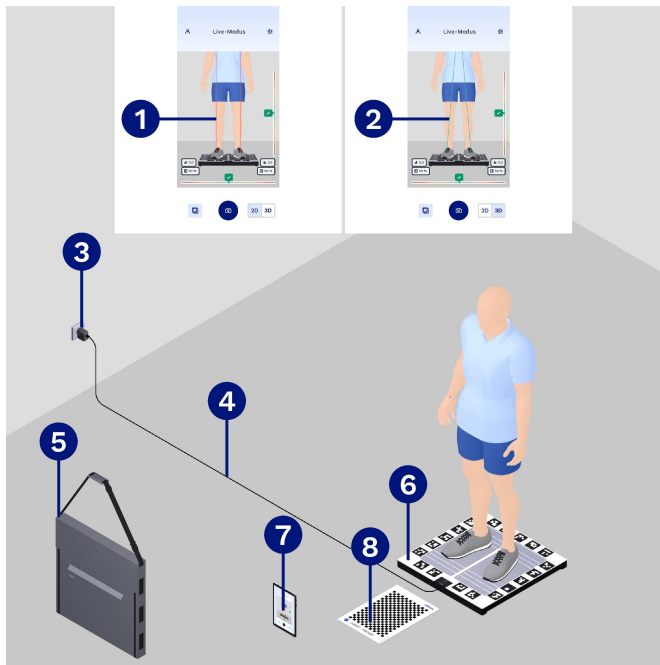
Email address for ordering printed documents

- order-ifu@ottobock.com

2 Product Description

Intended use and functional description

The lazar posture was developed exclusively for orthopaedic technology. It is intended exclusively for use in prosthetic and orthotic treatment. The lazar posture is intended for checking and optimising the static alignment of prostheses and orthoses together with the user. Use for other purposes is not approved. Activities not described in this document (e.g. repair work) do not come under the scope of the intended use and may not be carried out without the approval of the manufacturer.



- ❶ Live mode (2D)
(Playback in the mobile app)
- ❷ Live mode (3D)
(Playback in the mobile app)
- ❸ Power supply unit
(not included in scope of delivery)
- ❹ USB cable, 2.5 m
USB type A plug to USB type C plug
- ❺ Travel bag
- ❻ Force measurement plate
- ❼ Mobile device
(smartphone or tablet – Android or iOS)
(not included in scope of delivery)
- ❽ Calibration board

The lazar posture consists of a force measurement plate and the lazar posture app, which is installed on the customer's mobile device (smartphone/tablet).

Once the installed rechargeable battery is charged, the force measurement plate can be operated wirelessly. For charging and mains operation, the product can be connected to a power supply unit ❸ or power bank via the USB cable ❹.

With the user standing on the force measurement plate ❻, the vertical and horizontal ground reaction forces as well as the torsion moments are measured. The product sends the data to the mobile device ❼ via Bluetooth. In the lazar posture app, the data is superimposed graphically onto the live camera feed in the form of load lines.

In live mode (3D) ❷, the green load lines are based on the vertical and horizontal ground reaction forces.

In live mode (2D) ❶, the load lines are red and based only on the vertical ground reaction forces. They constitute a vertical line above the resulting load transmission point. This mode is compatible with the L.A.S.A.R. Posture 743L100=*. The static alignment of a prosthesis or orthosis can therefore be verified according to the alignment recommendations in the respective instructions for use. The app contains a user database.

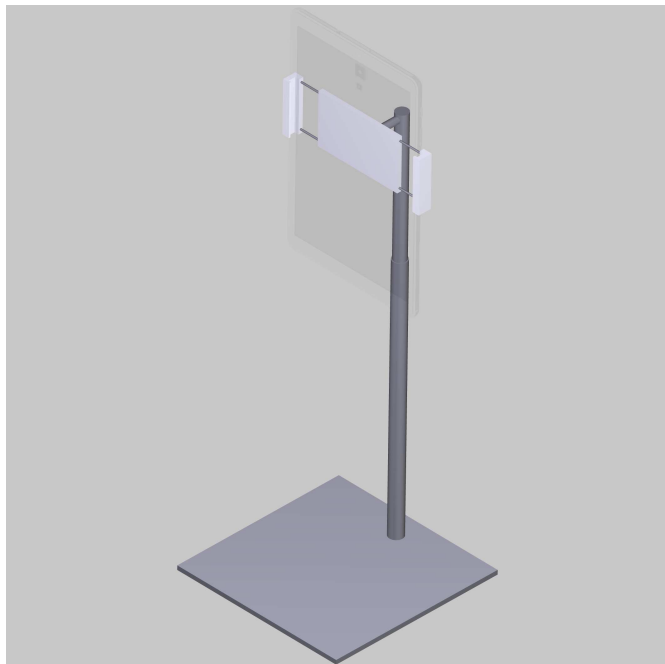
The calibration board ❽ is used to calibrate the front camera and rear camera of the mobile device before initial use.

The transport bag ❺ can be used to transport the product to various places of use.

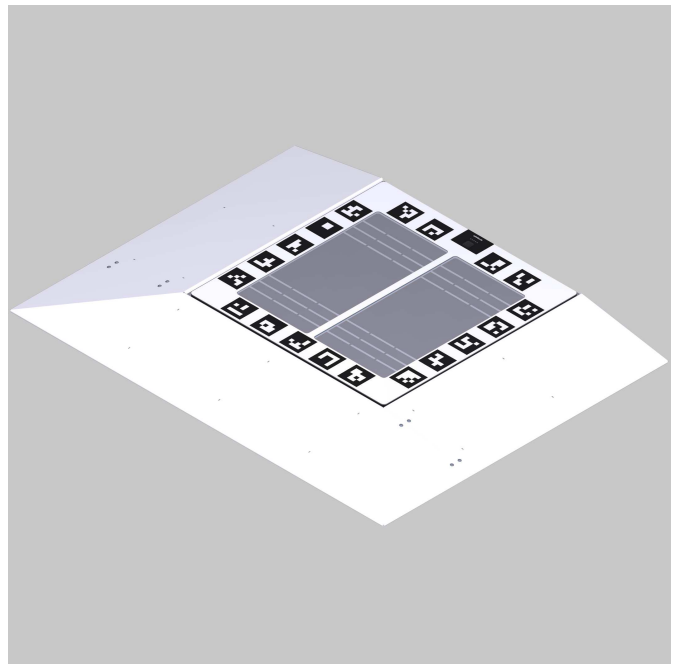
The lazar posture device can be connected to the Ottobock work.hub using the app.

Optional accessories for stationary use

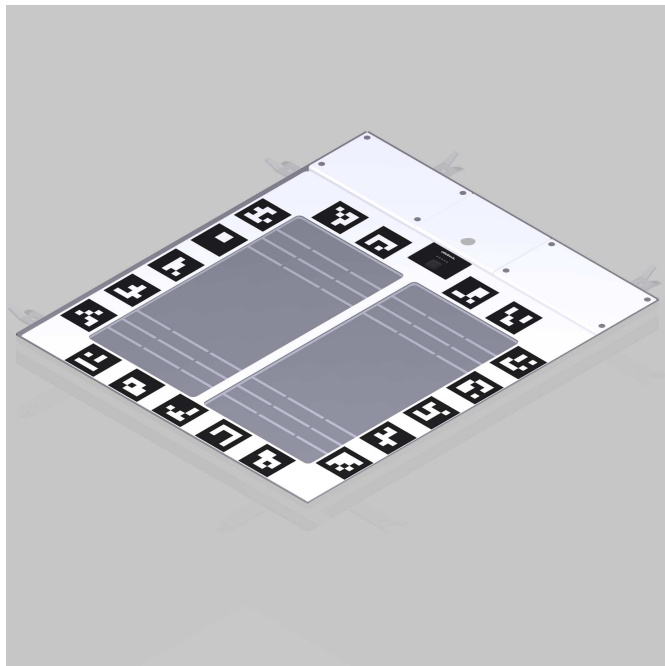
Stand for lazar posture 743Y982=1



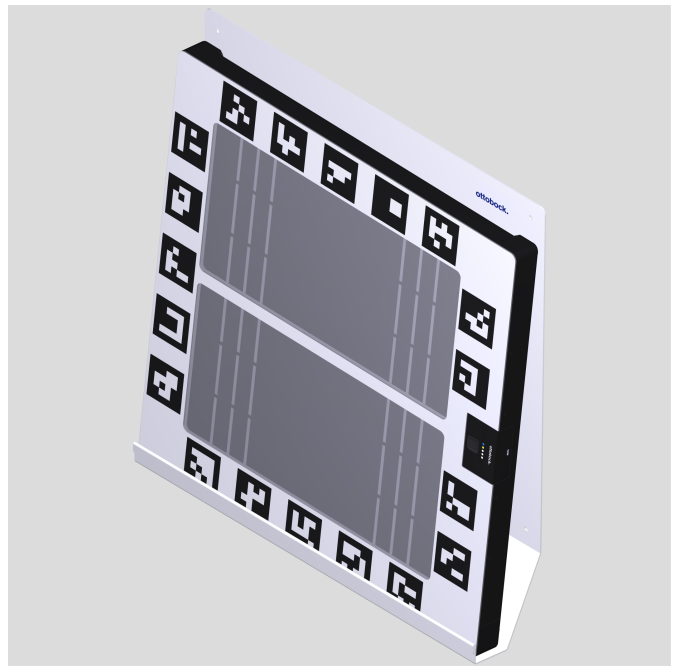
Stationary ramp 758G31=2



Floor installation set, lazar posture 758V2=1



Wall bracket, lazar posture 758Y610=1



3 Safety-related information

CAUTION!

Electric shock due to contact with live components

- ▶ Check the product in the de-energised state for damage (e.g. cables, housing) before every use.
- ▶ Only use a secure power supply unit that meets the required characteristics listed in the “Power supply unit” section (see page 17).

NOTICE!

Limited functionality, malfunction or damage to the product due to failure to observe the product limits listed in the “Technical data” section (see page 9)

- ▶ Keep the product away from open flames, embers and other sources of heat.
- ▶ Use the product only within its technical limits (e.g. permissible environmental conditions, user weight, etc.).

4 Technical data

Permissible environmental conditions	
Permissible temperature range (storage and transport in shipping carton and in bag)	-20 – +60 °C
Permissible temperature range (charging the force measurement plate battery)	+5 – +40 °C
Permissible temperature range (use)	+15 – +35 °C
Permissible maximum relative humidity (storage, transport and use)	95 %, non-condensing
Dust and water resistance (applies only to the force measurement plate)	Protection against penetration of solid foreign objects with a diameter greater than 12.5 mm, no protection against water ingress
Permissible user weight	
Maximum weight	150 kg
Dimensions and weights (force measurement plate)	
Length	600 mm
Width	600 mm
Height	53 mm
Weight	approx. 10 kg
Electrical characteristics	
Connection type (force measurement plate)	USB-C port
Charging cable (included)	2.5 m (USB type A plug to USB type C plug)
Required charging current (power supply unit and power bank)	≥ 1 A

5 Transport

NOTICE!

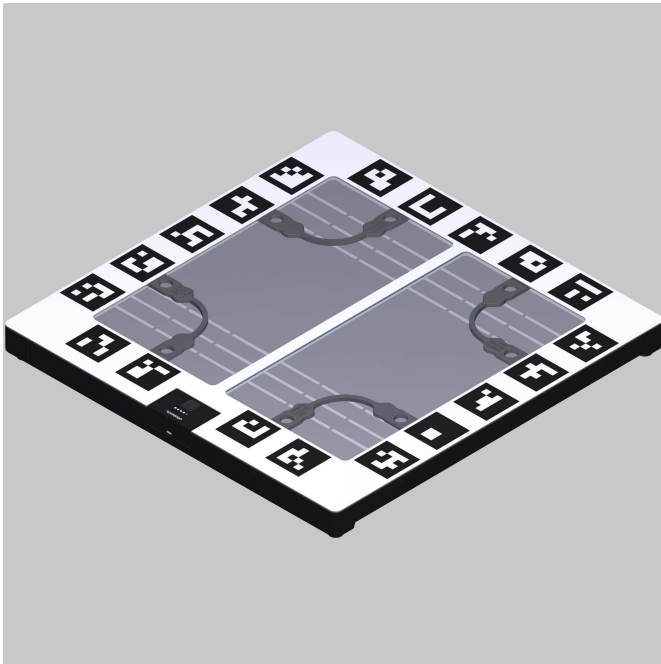
Product damage due to improper transport

- ▶ Do not expose the product to severe vibrations, extreme temperatures and high relative humidity.
- ▶ Observe all illustrations and instructions below for the safe transport of the product.

INFORMATION

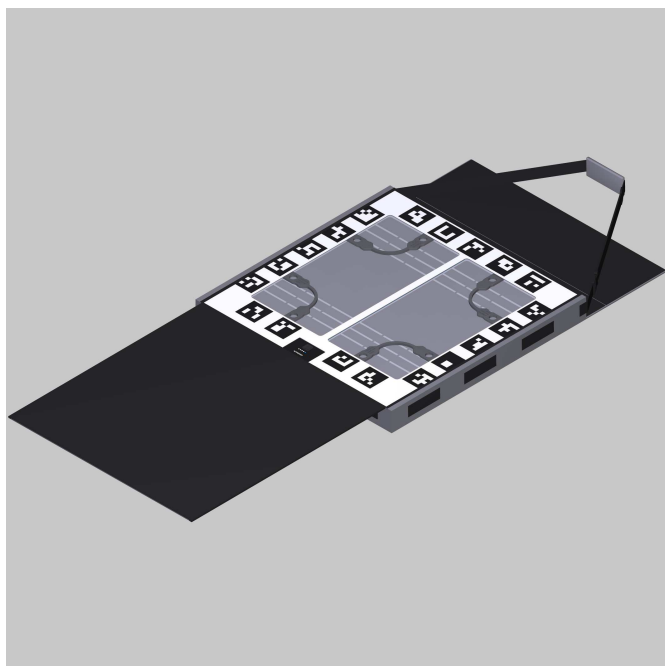
For safe transport and shipping, it is recommended to store and reuse the supplied packaging materials. These include the transport wedges, bag, cardboard insert, sales packaging and transport packaging shown in this section. This is useful because the lazar posture has to be sent to the manufacturer for servicing and calibration checks approximately every 2 years. If other packaging materials are used, they must provide equivalent protection to the product against strong shocks, extreme temperatures and high relative humidity.

Inserting transport wedges

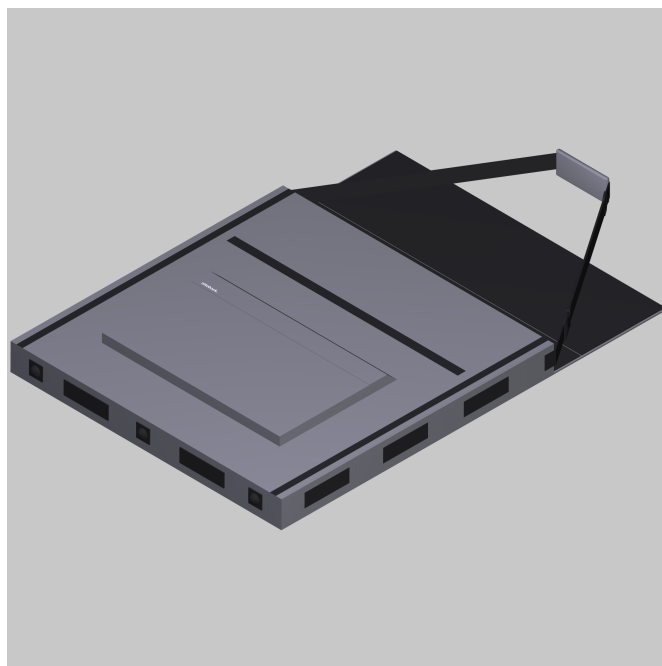


- ▶ Insert the transport wedges under the edges of the cover as indicated.

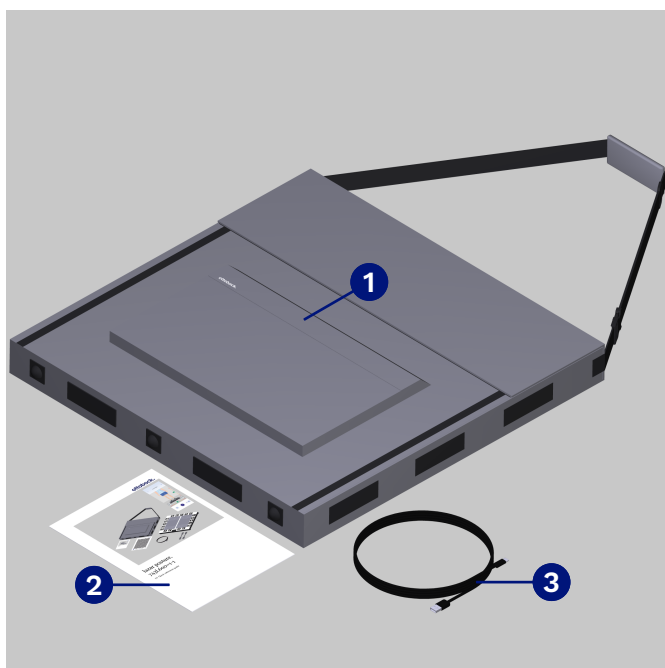
Transport in bag



- Place the product in the bag.

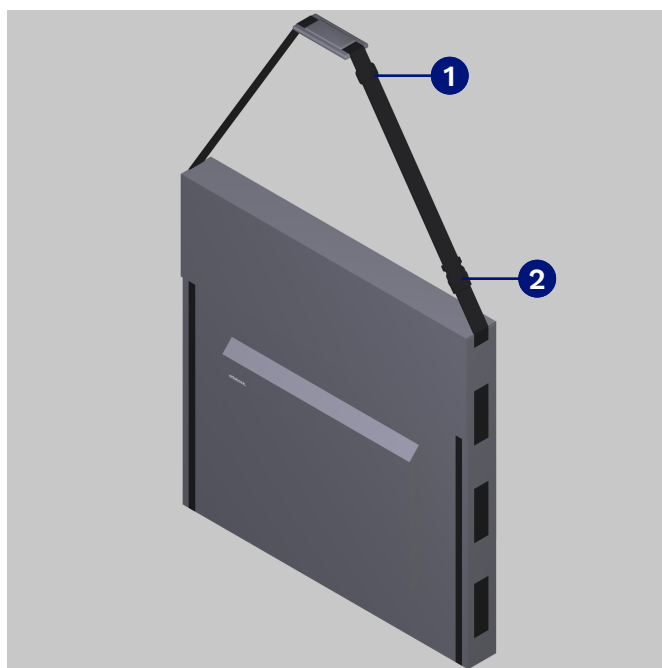


- Close the large cover and close both zippers completely.



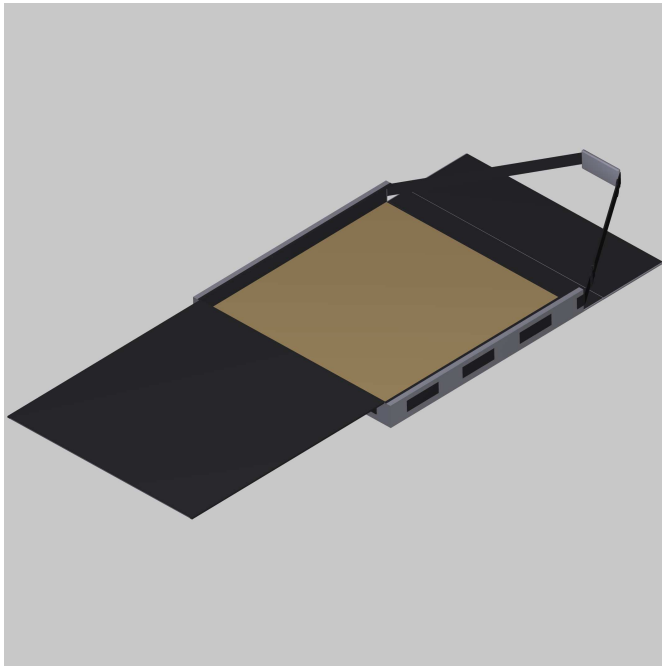
- Close the small cover and check that it is securely fastened with the hook-and-loop closure.

The outer compartment ① can hold accessories such as the supplied documents (quickstart guide and instructions for use (German and English)) ② and the USB cable ③.

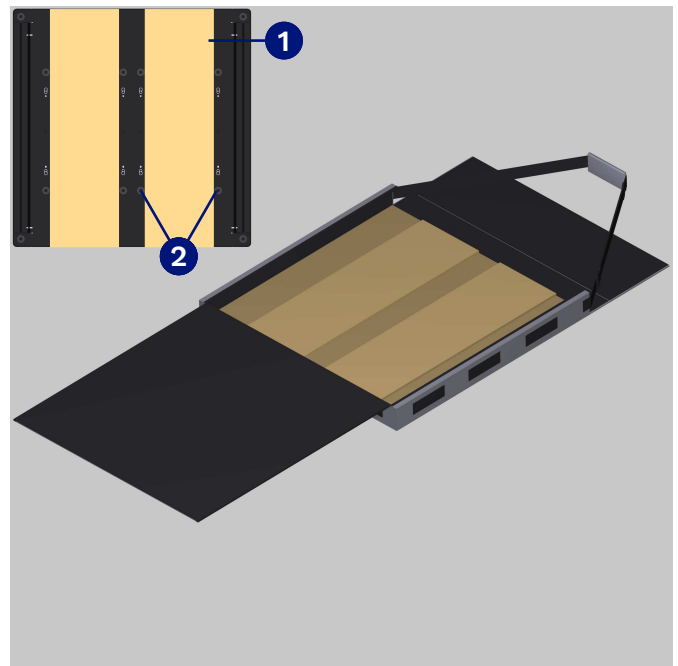


- Inspect the shoulder harness for damage. If required, adjust the length using the length adjustment buckle ①. Check that the plug is firmly connected to the bushing on the quick-release buckle ②.

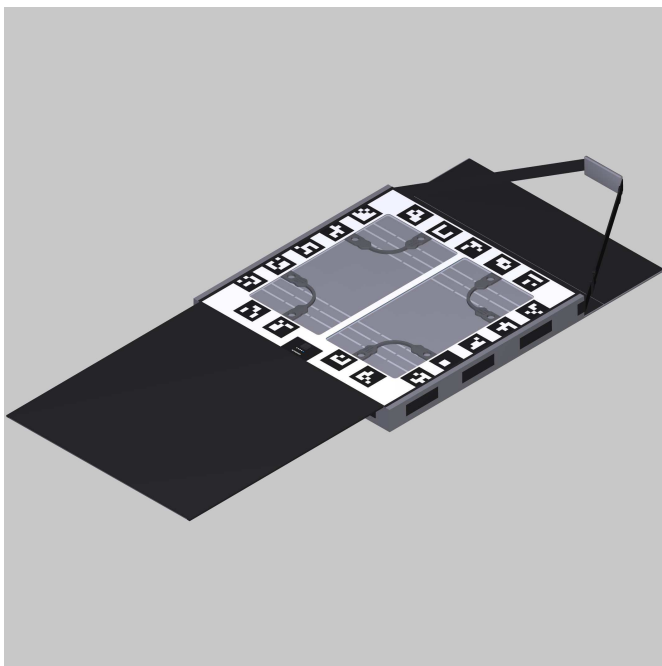
Transport in shipping carton



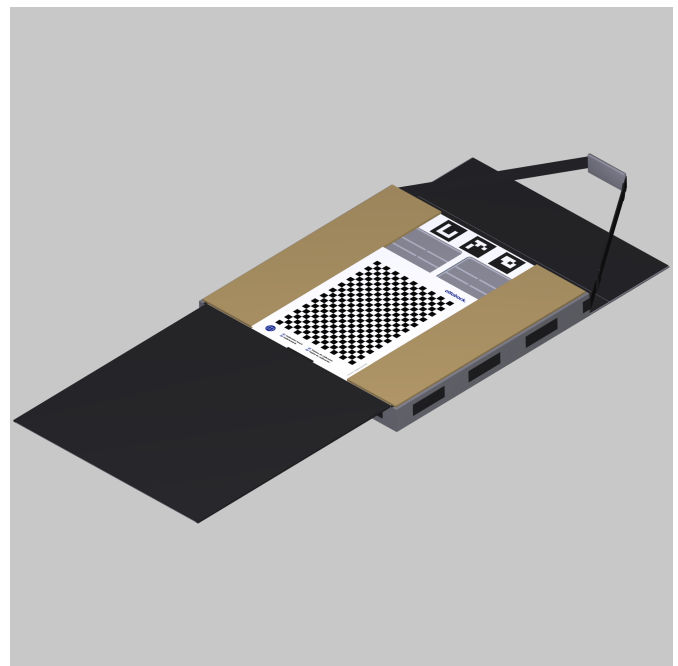
- Place the square cardboard insert into the bag.



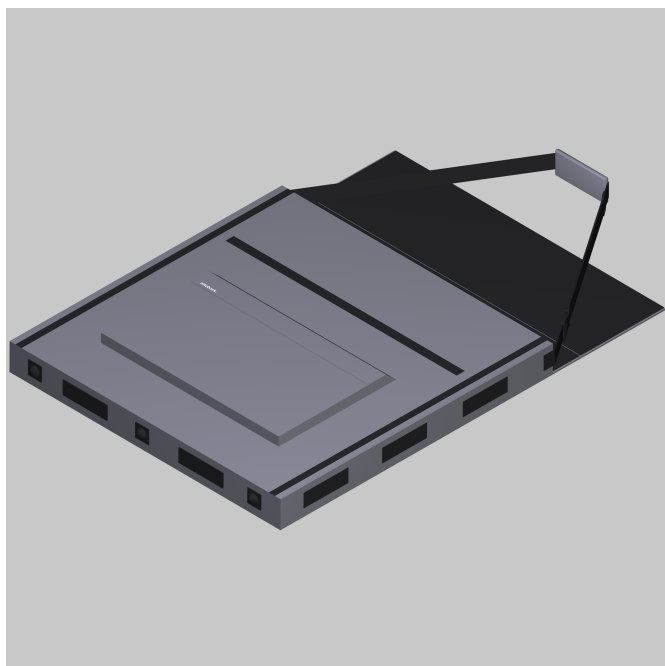
- Position the rectangular cardboard inserts on the square cardboard insert. The cardboard inserts **1** should be positioned between the measuring feet **2** during transport.



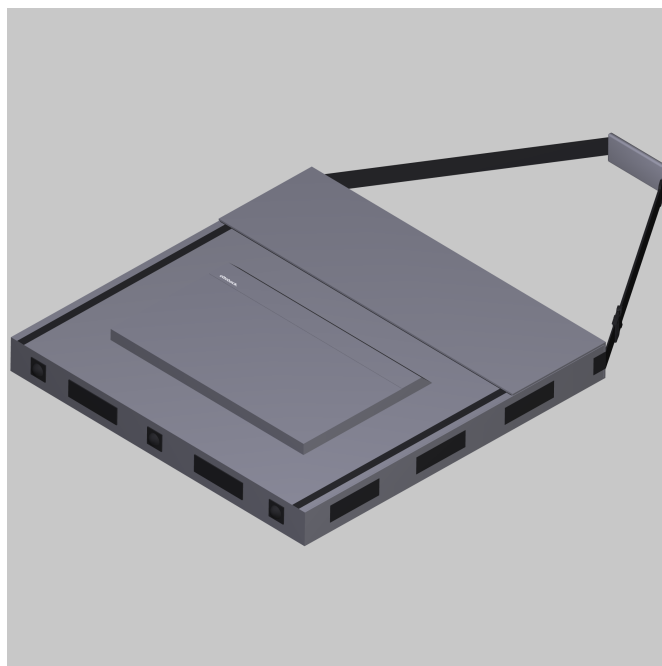
- Place the product in the bag.



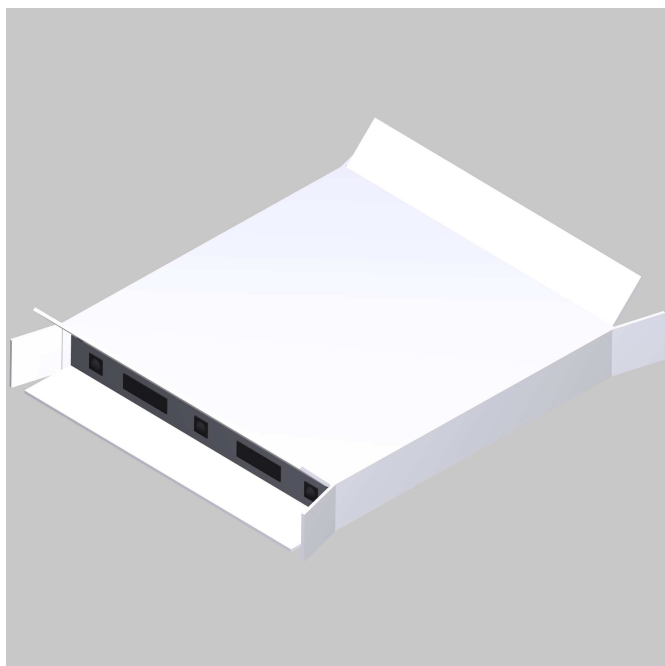
- Place the calibration board with the two rectangular cardboard inserts on the product.



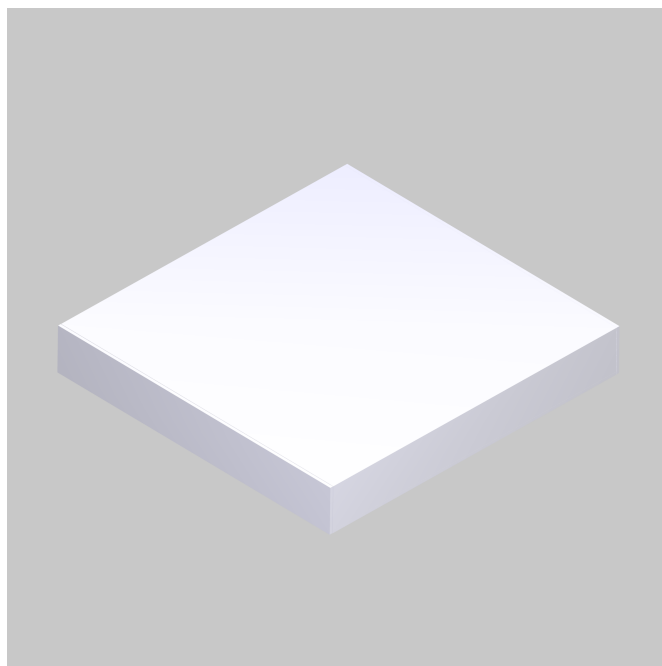
- Close the large cover and close both zippers completely.



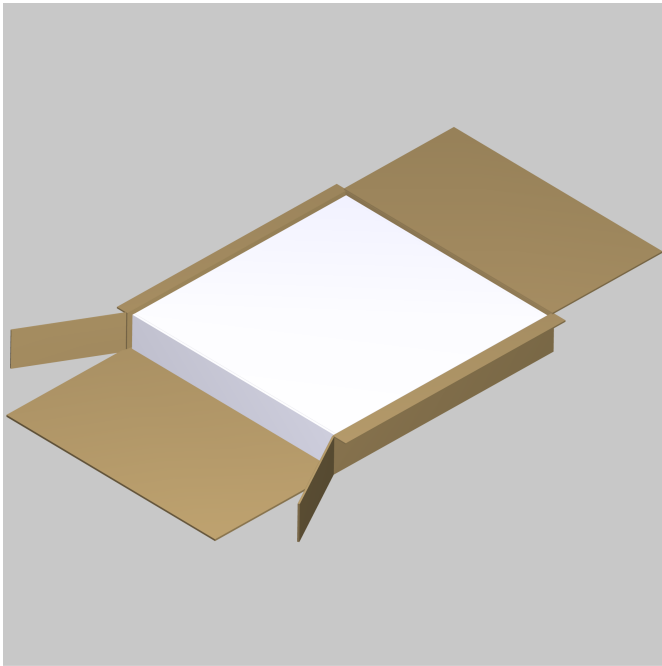
- Close the small cover and check that it is securely fastened with the hook-and-loop closure.



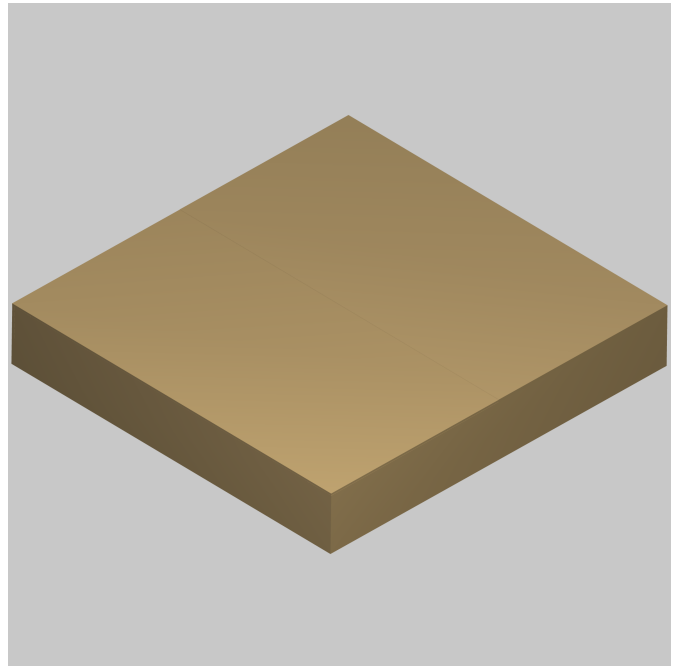
- Place the bag with all required contents (e.g. product, accessories) into the sales packaging (inner carton).



- Seal the sales packaging and secure it with adhesive tape.



- Place the sales packaging in the transport packaging (outer carton).



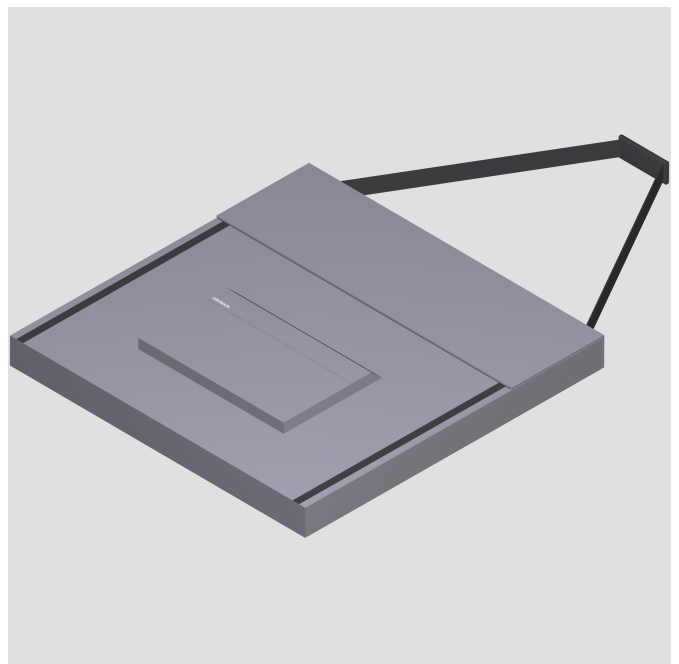
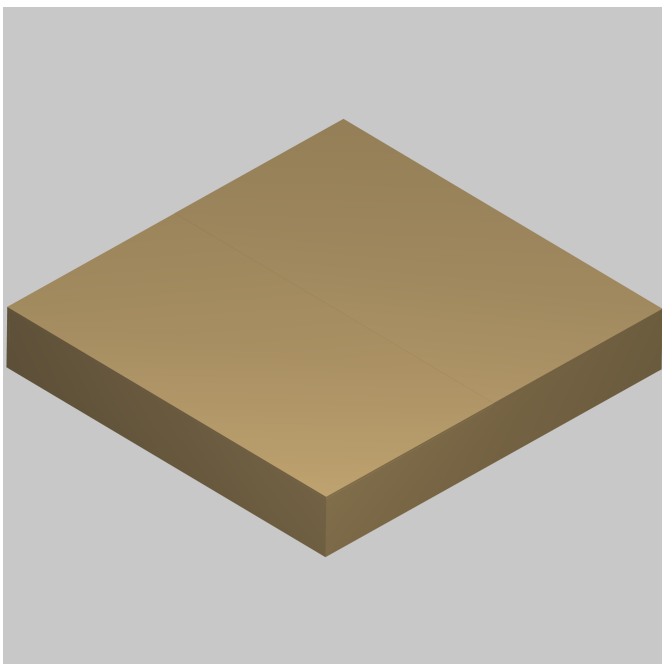
- Close the transport packaging and secure it with adhesive tape.

6 Storage

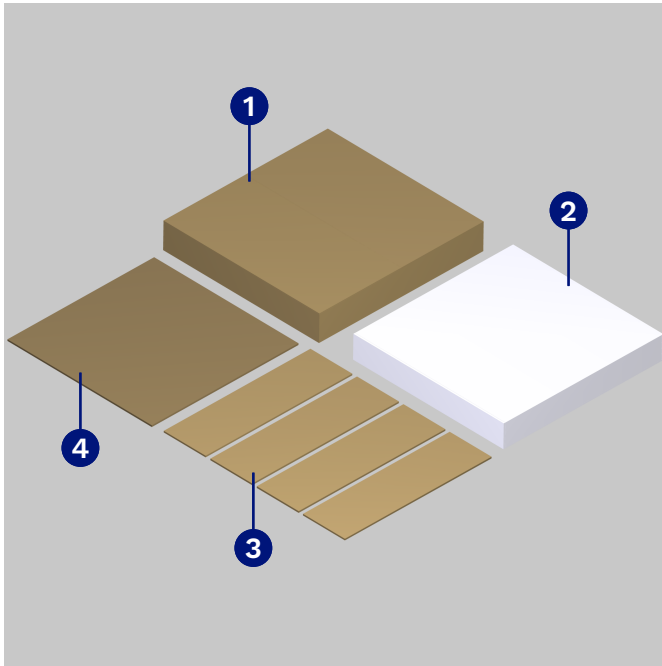
NOTICE!

Product damage due to incorrect storage

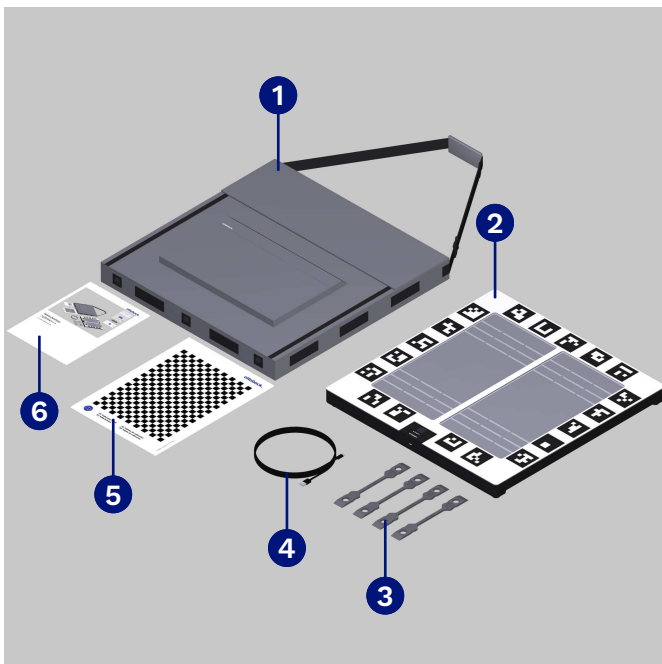
- Observe the environmental conditions specified in the “Technical data” section for storage (see page 9).
- Protect the product from moisture and extreme temperature fluctuations.
- Store the product in the shipping carton or bag or cover it with a protective film to protect it against soiling during storage.



7 Unpacking and checking the delivered items



- ❶ Transport packaging
Outer carton
- ❷ Sales packaging
Inner carton
- ❸ Rectangular cardboard inserts (4 x)
- ❹ Square cardboard insert



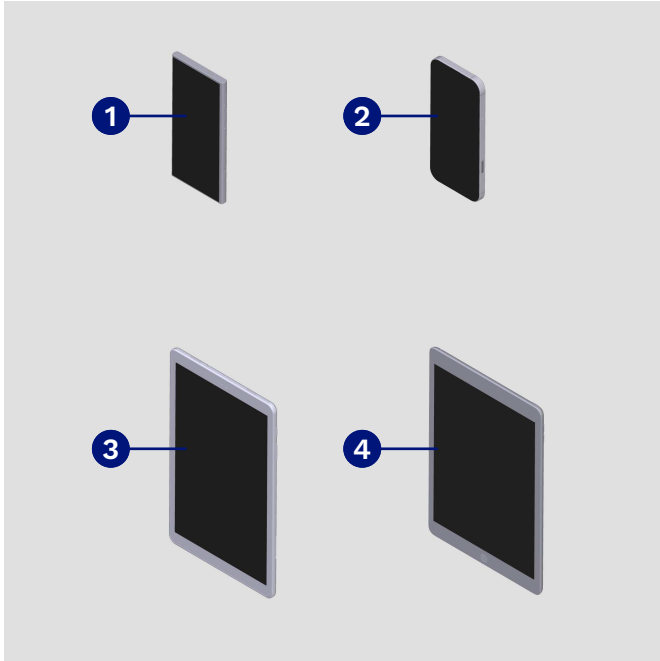
- ❶ Transport bag 642T99=1
- ❷ Force measurement plate
- ❸ Transport wedges (4 x)
- ❹ USB cable
(USB-A to USB-C | 2.5 m)
- ❺ Calibration board
- ❻ Documents:
Quickstart guide
647W15=ALL_INT
Instructions for use
German: 647W13=DE_INT
English: 647W13=EN_INT

► **INFORMATION:** To prevent loss, always store the transport wedges, USB cable, calibration card and quick-start guide in the transport bag when they are not in use.

8 Use

8.1 Obtaining accessories

8.1.1 Mobile device



A mobile device is a necessary accessory for the lazar posture; it is not included in the scope of delivery and has to be provided by the customer. A mobile device can be both a smartphone (advantage: small and handy/disadvantage: small screen) and a tablet (advantage: large screen/disadvantage: two-handed operation required). Android and iOS mobile devices can be used, as the app is available for both operating systems.

- ❶ Smartphone (Android)
- ❷ Smartphone (iOS)
- ❸ Tablet (Android)
- ❹ Tablet (iOS)

Mobile devices tested by Ottobock

Smartphone (Android): Xiaomi Redmi Note 15 Pro+ 5G

Tablet (Android): Xiaomi Pad 8, Lenovo Tab P12, Samsung Galaxy Tab A11+, Samsung Galaxy Tab S11

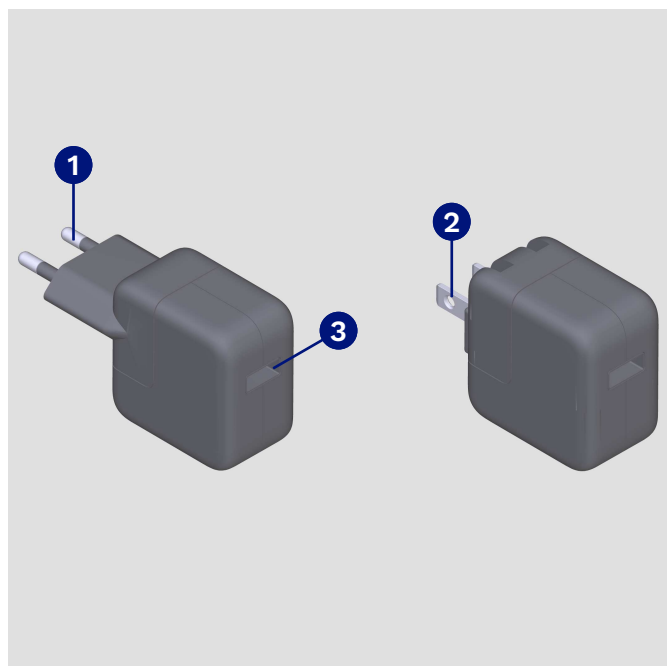
Smartphone (iOS): Apple iPhone 15, Apple iPhone 16e

Tablet (iOS): Apple iPad 11th Gen

Recommendations for choosing a mobile device

The list of tested mobile devices provides guidance for selection in terms of required performance. Further help and information can be obtained from specialist dealers or via the internet (e.g. websites of computer magazines and manufacturers).

8.1.2 Power supply unit



A power supply unit is a required accessory for the force measurement plate and is not included in the scope of delivery; it has to be provided by the customer. The power supply unit is used to charge the rechargeable battery of the force measurement plate and to supply the device with power.

Necessary characteristics of the power supply unit

Power supply unit with plug for the outlets in the country of use (examples: ❶ plug type C CEE 7-16 (for many European countries) + ❷ plug type A NEMA 1-15 for USA, Canada, Mexico, Japan, parts of Central America, South America and China)

Power supply unit with ❸ USB-A port (5 V and at least 1 A charging current) for supplied USB cable with USB type A plug for connecting to the power supply unit and USB type C plug for connecting to the force measurement plate

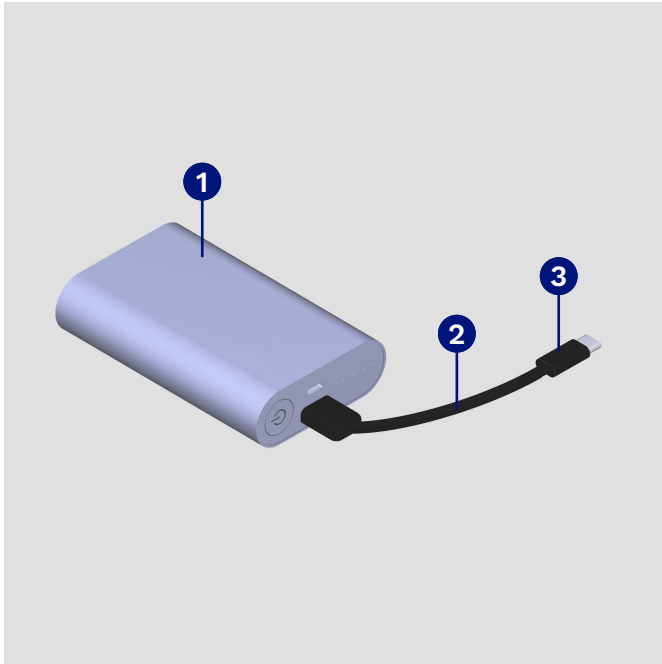
Power supply unit with protective measures against electric shock (tested according to IEC 62368-1, IEC 60950-1 or IEC 60601-1)

INFORMATION

The Ottobock power supply unit 757L48=1 has exchangeable plugs, type C CEE 7-16 and type A NEMA 1-15 and meets all the listed characteristics.

► Alternatively, contact an electrical retailer to purchase a power supply unit that meets the requirements.

8.1.3 Power bank



A power bank can be used as an alternative to a power supply unit for the force measurement plate. A power bank is not a necessary accessory, but an optional one that can be used when no suitable power supply unit is available.

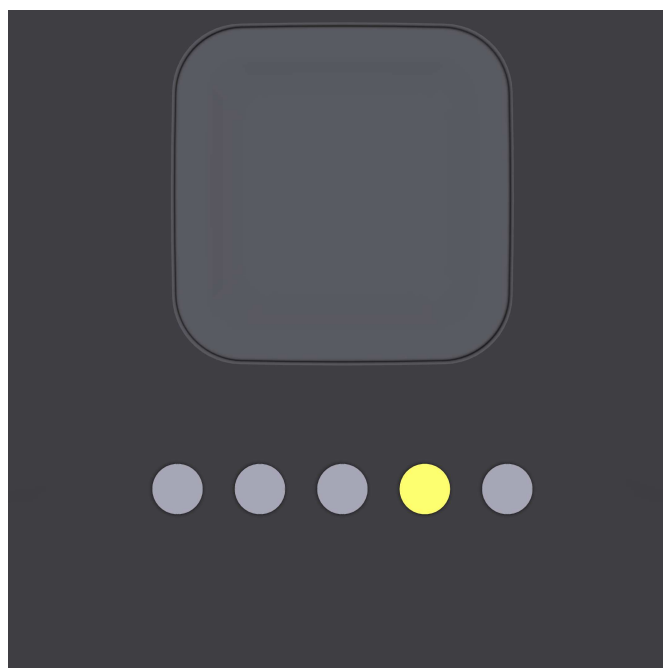
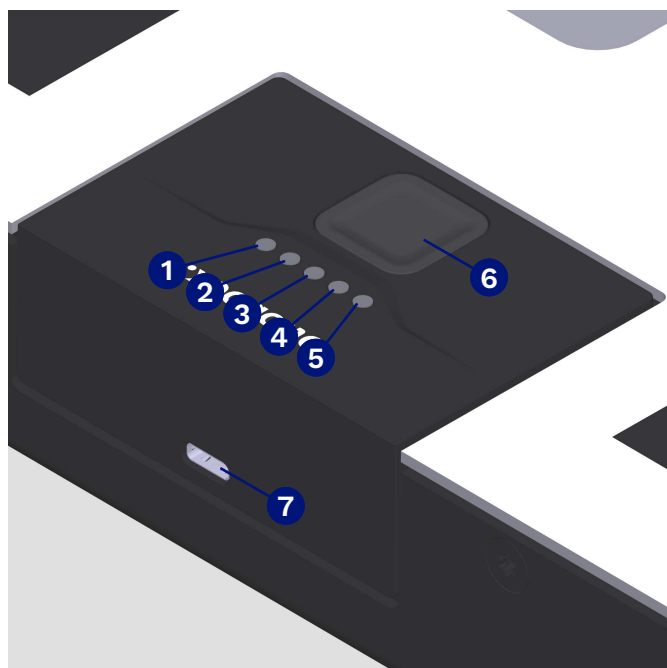
Necessary characteristics of the power bank

Powerbank ① with USB output port (5 V and at least 1 A charging current)

USB cable ② with USB type C plug ③ for connecting to the force measurement plate

8.2 Charging the rechargeable battery

8.2.1 Charging the force measurement plate

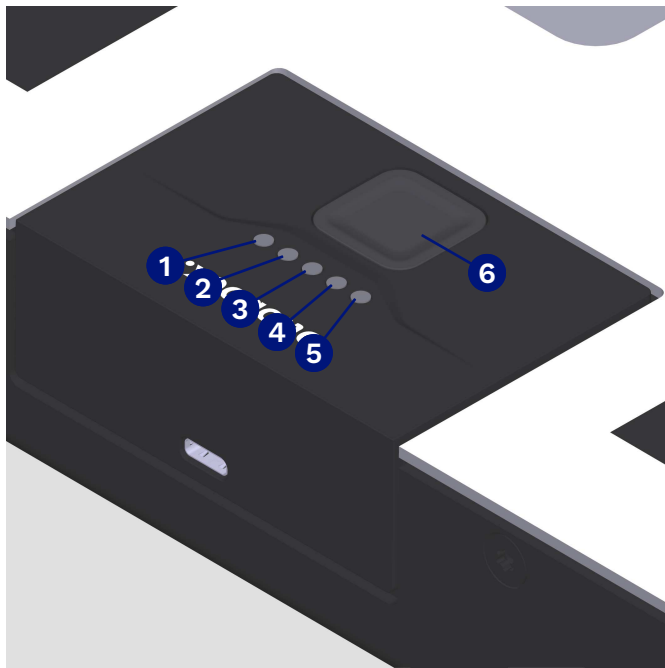


- > If the LEDs ① up to ③ do not light up and the LED lights ④ up yellow, the battery charge level is critically low (charge level: > 0 – 20 %).
- ▶ Connect the force measurement plate either to a power supply unit or a power bank to start the charging process.
 - The LED ④ will start flashing yellow slowly. This indicates that the rechargeable battery being charged.
- If none of the LEDs ① up to ④ are flashing anymore but are lit up white, the battery is fully charged (charge level: 100 %).

8.2.2 Charging your mobile device

- > The lazar posture app processes the camera image data and the measurement data from the force measurement plate in order to calculate the plumb line (2D) or the force lines (3D) and superimpose them on the camera image in live mode. Data processing is computationally intensive and requires a lot of power. If the charge level on the mobile device drops to such a low level that energy-saving mode is activated automatically, this may disrupt the Bluetooth connection or cause it to fail completely. The app can then no longer be used.
- ▶ Before taking a measurement with a user, ensure that the mobile device has been charged to a charge level sufficient for the measurement (charge level: approx. 50 – 100 %).

8.3 Using the function button



- ❶ LED 1
white: charge level 100 %
- ❷ LED 2
white: charge level 80 %
- ❸ LED 3
white: charge level 60 %
- ❹ LED 4 (multifunction LED)
white: charge level 40 %
yellow: LED for low battery level
- ❺ LED 5
blue: Bluetooth status LED
- ❻ Function button

Function (press time)	LED signals	❶	❷	❸	❹	❺
		○	○	○	○	●
Switching on (1 s)	The LEDs ❶ up to ❹ switch on one after the other and then switch off again in succession.					
Switching off (1 s)	The LEDs ❶ up to ❺ switch off. INFORMATION: The LED ❹ quickly flashes yellow three times if the force measurement plate switches off automatically due to insufficient battery voltage.					
Pairing mode (3 s) (Bluetooth connection between the mobile device and the force measurement plate)	The LED ❺ flashes slowly. When a connection has been established, it remains solid. If no device is found, it turns off.					
Reset to factory settings (15 s)	The LED ❹ flashes briefly twice in succession and repeats this again shortly afterwards.					

Information on Bluetooth connections

The Bluetooth module of the force measurement plate can store connections to four devices. If a 5th device is connected, the oldest connection is overwritten.

If you are experiencing connection problems, you may need to take the following steps:

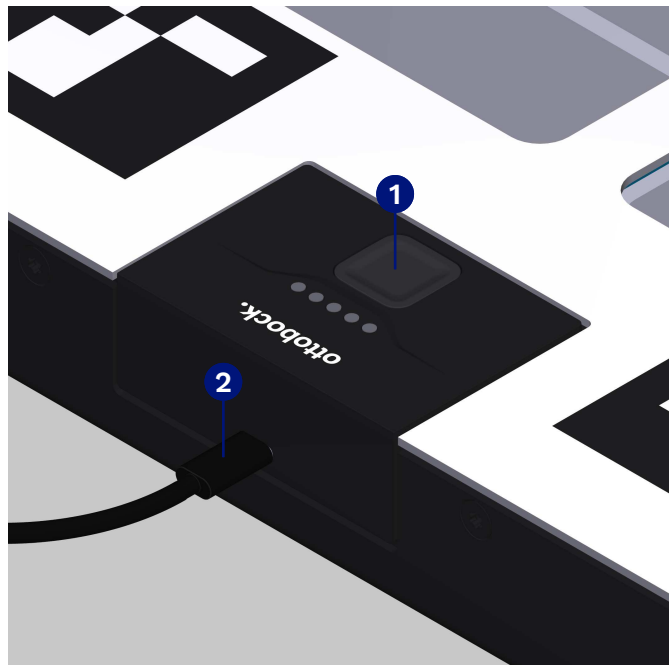
- Do not operate mobile device in energy-saving mode
- Restarting the force measurement plate and the app
- Delete the device from the list of paired devices in the Bluetooth settings of the mobile device
- Deleting the device from the device overview of the lazar posture app

8.3.1 Resetting the force measurement plate

The force measurement plate has to be reset if the LEDs do not produce a feedback signal in response to the following events:

- Pressing the function button to turn the force measurement plate on/off
- Connecting the charging cable to charge the force measurement plate

A reset is performed as follows:



- ▶ Press and hold the function button ①.
- ▶ Disconnect the USB-C plug ② of the connected charging cable from the USB-C port on the force measurement plate.



- ▶ Release the function button ①.
- ▶ The LEDs ② will show a feedback signal when the reset has been performed.

8.4 Using the app

8.4.1 Installing the app

Using trusted sources for app installation

- ▶ Install the lazar posture app and software updates only from trusted and official sources (e.g. Apple App Store/Google Play Store).
- ▶ Do not use unofficial downloads or software from unknown sources on your mobile device.

App lazar posture



Apple App Store



<https://apps.apple.com/us/iphone/search?term=lazar%20posture>

- > Mobile device with iOS operating system
- ▶ Scan the QR code with your mobile device to install the lazar posture app.

App lazar posture



Google Play Store



<https://play.google.com/store/search?q=lazar%20posture&c=apps>

- > Mobile device with Android operating system
- ▶ Scan the QR code with your mobile device to install the lazar posture app.

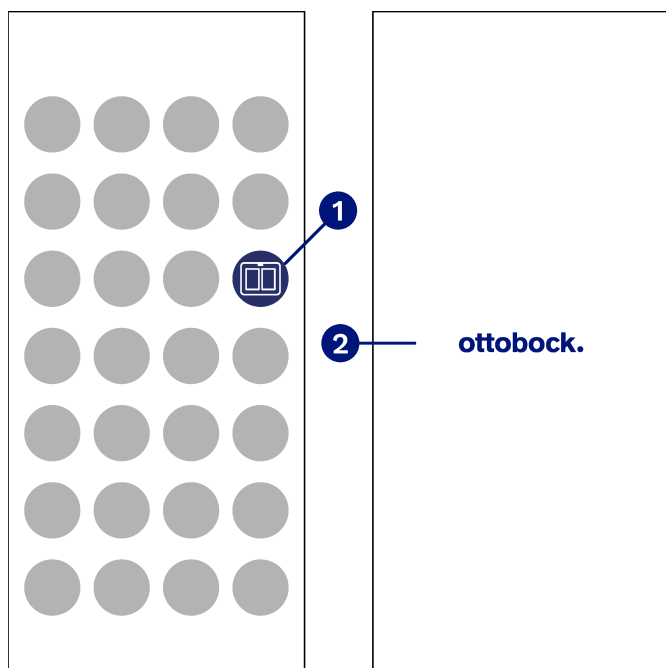
INFORMATION

The lazar posture app is designed exclusively for use with the mobile device held in portrait mode, not landscape mode. The app is not optimised for Dark Mode. Switching to light mode is recommended in case of display problems.

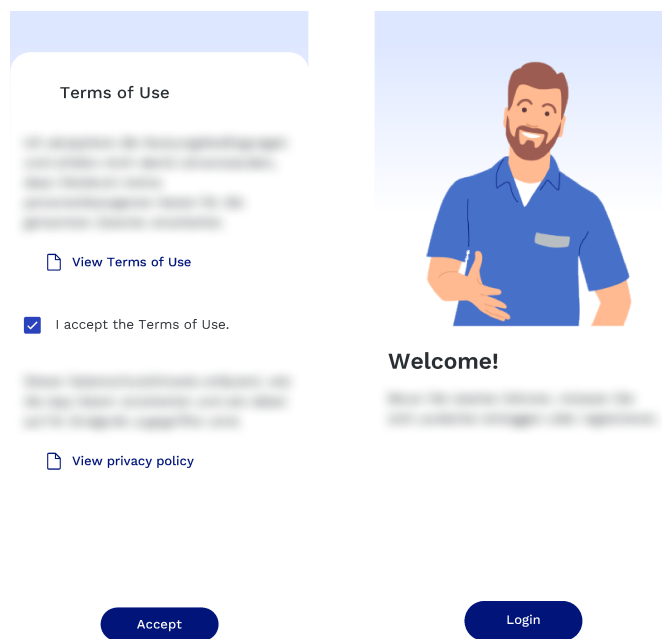


- ▶ **INFORMATION: Uninstalling the lazar posture app will irrevocably delete all data. Therefore, only uninstall the app after backing up the data.**

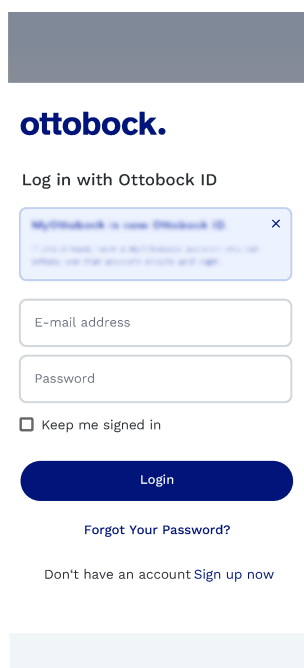
8.4.2 Starting the app for the first time



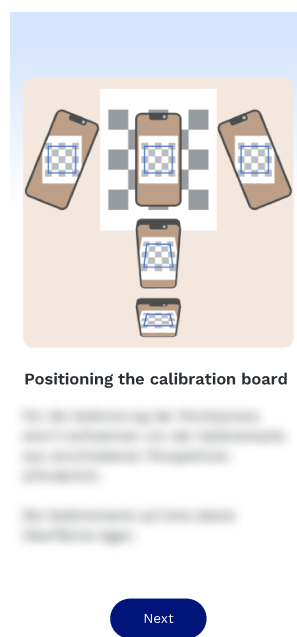
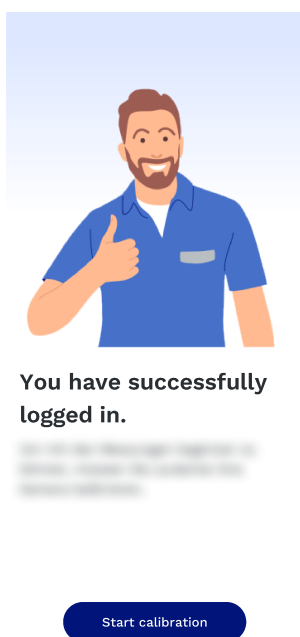
- On your mobile device, tap the icon for the lazar posture app.
- The lazar posture app opens.



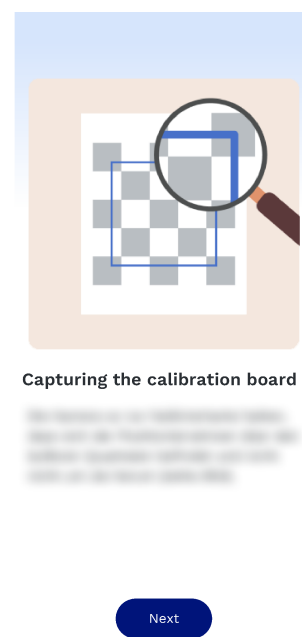
- Tick the box for the Terms of Use.
- The **live mode** is displayed.
- Tap **Accept**.
 - Tap **Log in**.

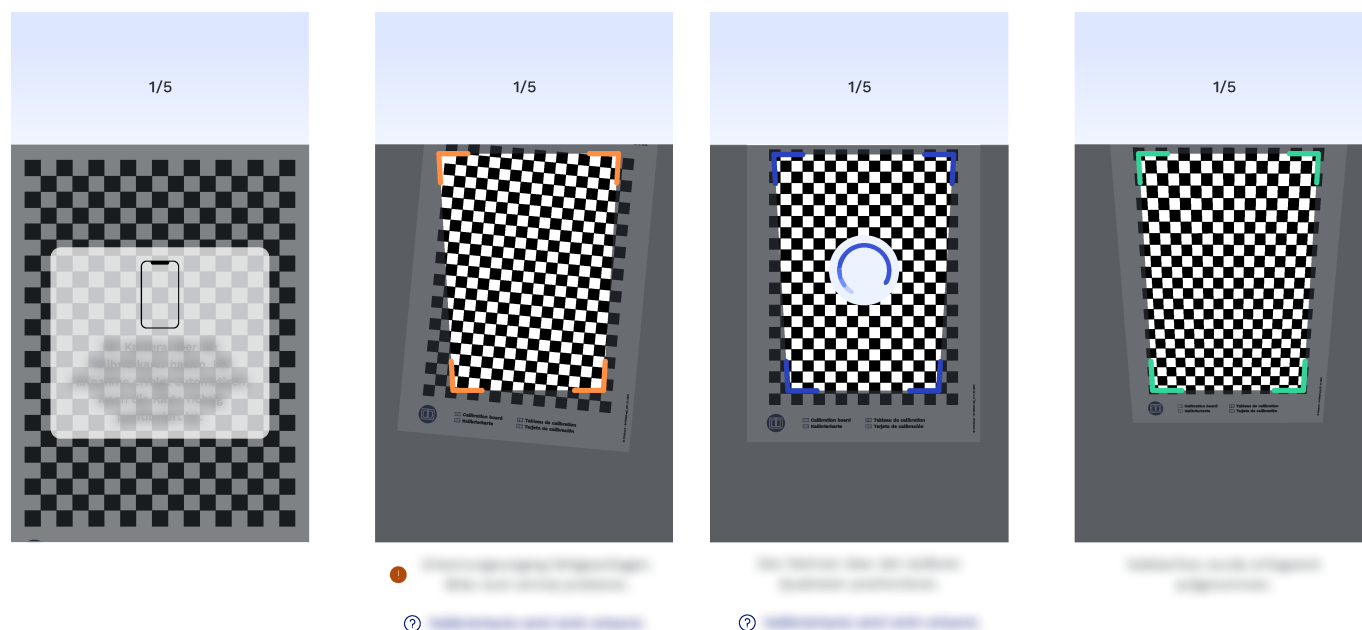


- Tap **Start calibration**.



- Tap **Next**.

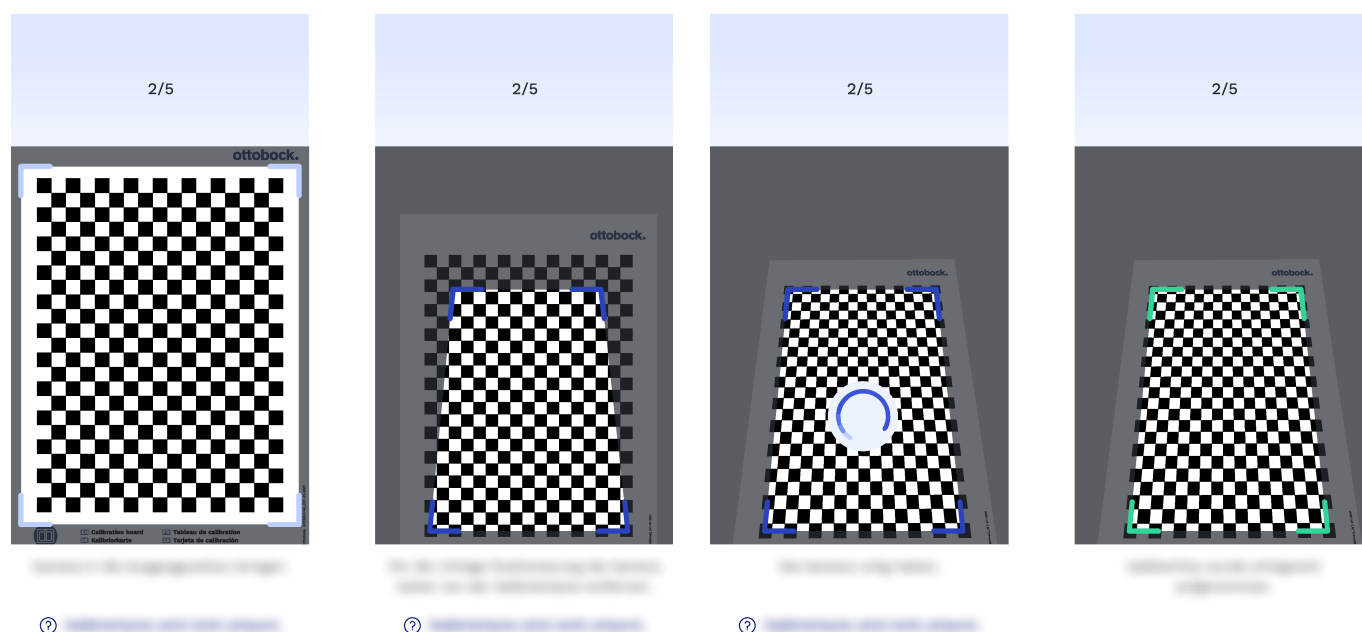




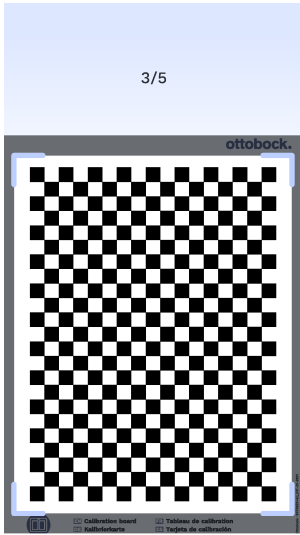
► Place the chequered pattern in the frame as shown. If the positioning is not correct during calibration, this is indicated by orange corners.

► If a rotating circle appears in the frame, hold the mobile device steady so as not to interfere with the calibration.

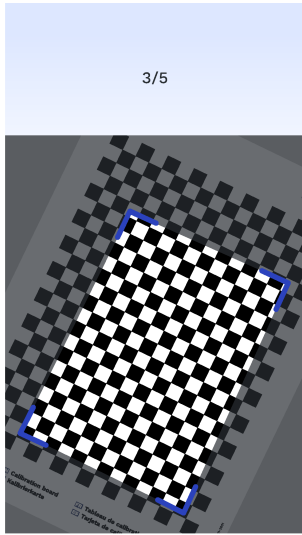
If the positioning is correct during calibration, this is indicated by green corners.



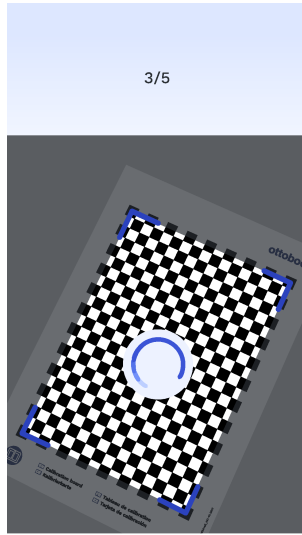
The grey corners at the start indicate that the chequered pattern should be placed within the frame as shown.



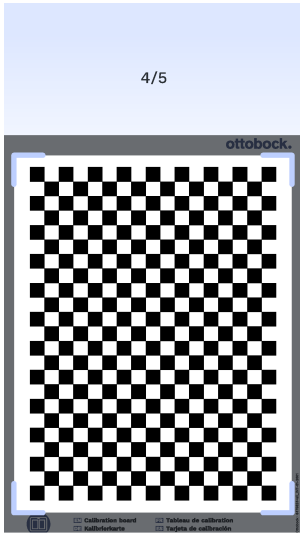
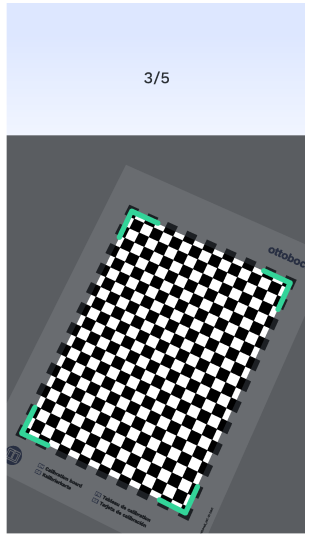
?



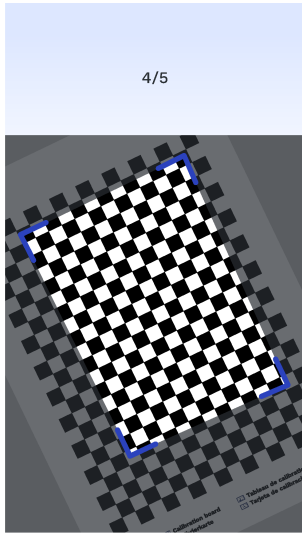
?



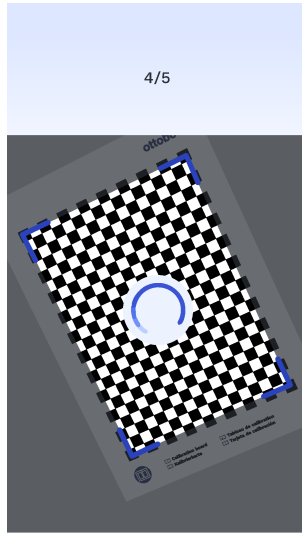
?



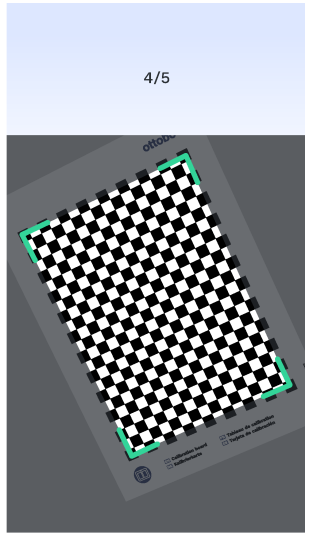
?



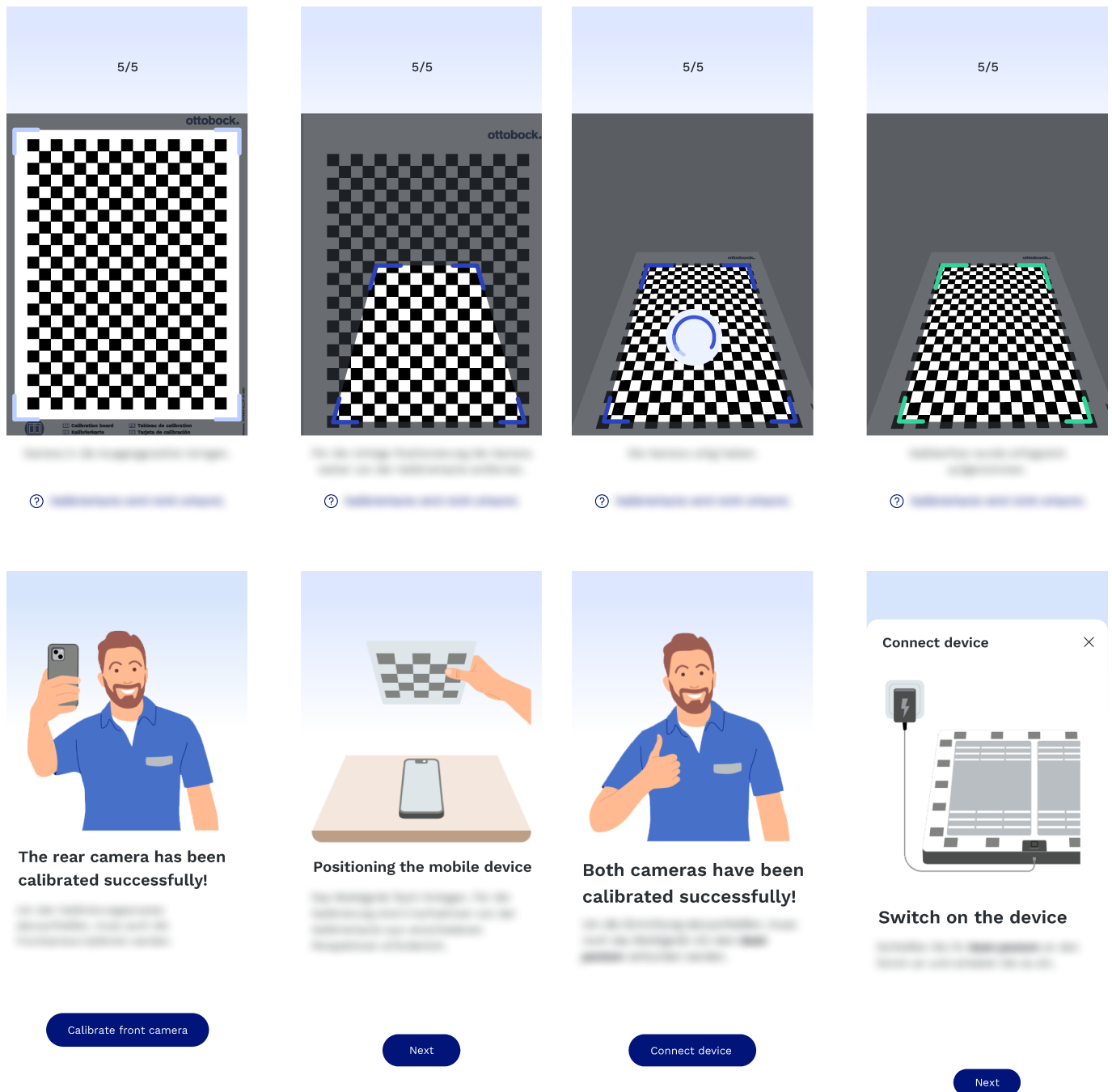
?



?



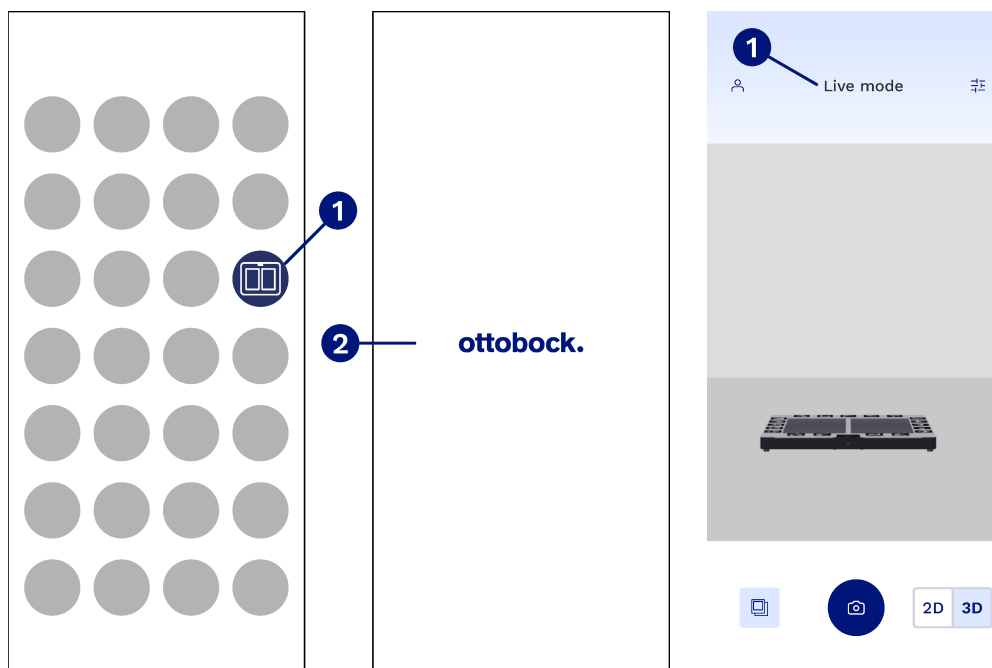
?



- When calibrating the front camera, place the mobile device and hold the calibration board in such a way that the touchscreen is clearly visible and the calibration board can be positioned well.

- For the subsequent Bluetooth connection, use the Bluetooth PIN on the underside of the force measurement plate.

8.4.3 Starting the app



► On the mobile device, tap the icon 1 for the lazar posture app.

→ The lazar posture app 2 opens.

The **live mode** 1 is displayed.

8.4.4 Live mode



Screen **Live mode** 1

Opens screen **Your profile** 2 (see page 28)

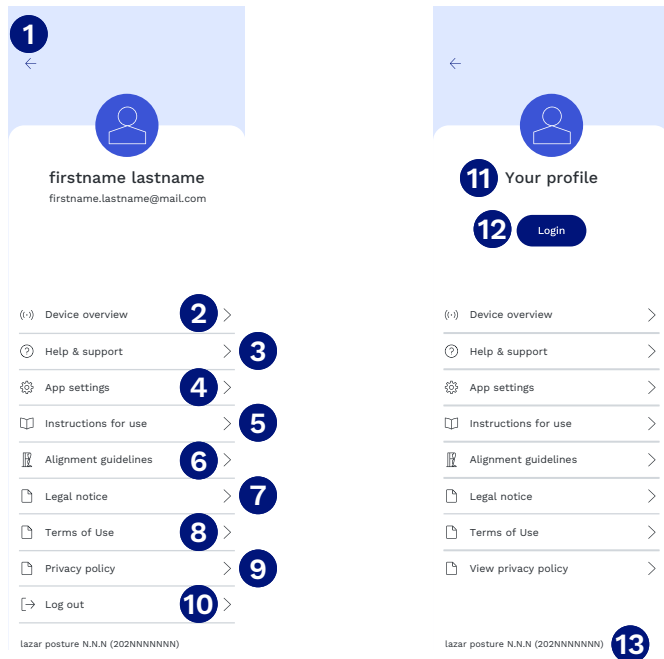
Opens screen **Settings** 3 (see page 34)

Opens screen **Image gallery** 4 (see page 41)

Camera shutter release 5

Mode selection (2D/3D) 6

8.4.5 Your profile



Screen **Your profile** 11

Switches to the screen **Live mode** 1 (see page 27)

Switches to the screen **Device overview** 2 (see page 28)

Switches to the screen **Help & Support** 3 (see page 30)

Switches to the screen **App settings** 4 (language/weight unit) (see page 30)

Switches to the screen **Instructions for use** 5 (see page 31)

Switches to the screen **Alignment guidelines** 6 (see page 31)

Switches to the screen **Legal notice** 7 (see page 32)

Switches to the screen **Terms of Use** 8 (see page 32)

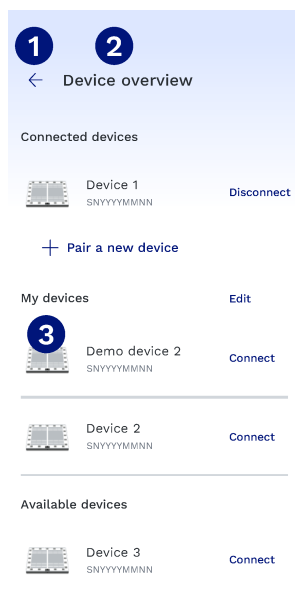
Switches to the screen **Privacy policy** 9 (see page 33)

To log out of your profile, tap **Log out** 10

To log in to your profile using your Ottobock ID, tap **Log in** 12

lazor posture app – version number 13

8.4.5.1 Device overview



Screen **Device overview** 2

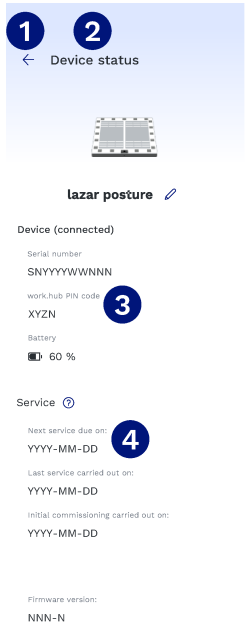
Switches to the screen **Your profile** 1

Tapping the lazor posture icon 3 switches to the screen **Device status**

The Bluetooth pin 4 (on the underside of the lazor posture) is required for Bluetooth pairing.



Device status



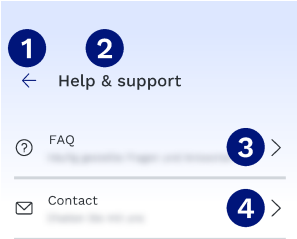
Screen **Device status** 2

Switches to the screen **Device status** 1

The **work.hub PIN code** 3 is required for connection to the Ottobock work.hub.

The date under **Next service due on:** 4 indicates when the lazar posture needs to be inspected by Ottobock service.

8.4.5.2 Help & Support



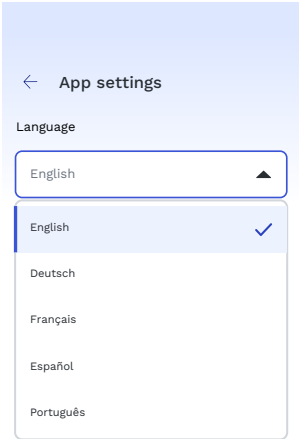
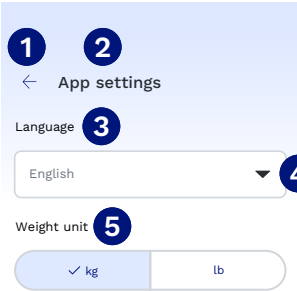
Screen **Help & Support** ②

Switches to the screen **Your profile** ①

Go to website **FAQ** ③ (FAQ: Frequently Asked Questions)

Switches to the screen **Contact** ④ (contact email addresses for support enquiries)

8.4.5.3 App settings (language/weight unit)



Screen **App settings** ②

Switches to the screen **Your profile** ①

Selecting the **language** ③ for the user interface

Displays selection list ④ (available languages: German, English, French, Italian, Spanish, Portuguese, Dutch, Hungarian, Czech, Chinese)

Selecting the **weight unit** ⑤ (kg/lb)

8.4.5.4 Instructions for use



Screen **Instructions for use** ②

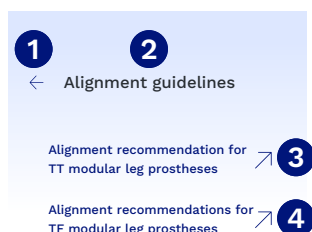
Switches to the screen **Your profile** ①

The quickstart guide ③ opens the search field on the Ottobock website for the reference number 647W15

The instructions for use ④ open the search field on the Ottobock website for the reference number 647W13

If the documents cannot be found via the search, the PDF files can be ordered by email (see the section “Important information about the document” (see page 5) – “Ordering documents” heading).

8.4.5.5 Alignment guidelines



Screen **Alignment guidelines** ②

Switches to the screen **Your profile** ①

Alignment recommendation for transtibial modular leg prostheses ③ opens a search field on the Ottobock website for the reference number 646F739 (new poster with lazar posture 743L600=1-1)

Alignment recommendations for transfemoral modular leg prostheses ④ opens a search field on the Ottobock website for the reference number 646F738 (new poster with lazar posture 743L600=1-1)

If the documents cannot be found via the search, the PDF files can be ordered by email (see the section “Important information about the document” (see page 5) – “Ordering documents” heading).

8.4.5.6 Legal notice



Screen **Imprint** 2
Switches to the screen **Your profile** 1

8.4.5.7 Terms of Use



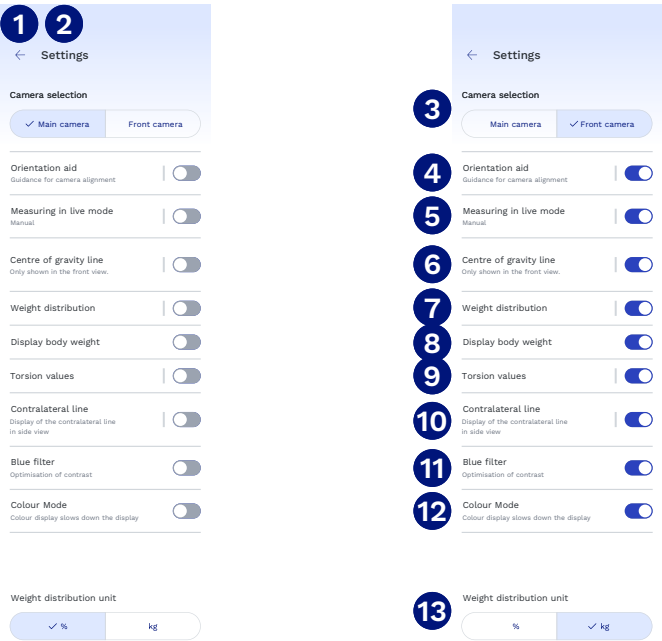
Screen **Terms of Use** 2
Switches to the screen **Your profile** 1

8.4.5.8 Privacy policy



Screen **Privacy policy** ②
Switches to the screen **Your profile** ①

8.4.6 Settings



8.4.6.1 Camera selection



Screen Settings 2

- Switches to the screen **Live mode** 1 (see page 27)
- Setting **Selecting the camera** 3 (see page 34)
- Switch **Orientation aid** 4 (see page 35)
- Switch **Measuring in live mode** 5 (see page 35)
- Switch **Centre of gravity line** 6 (see page 36)
- Switch **Weight distribution** 7 (see page 36)
- Switch **Display body weight** 8 (see page 37)
- Switch **Torsion values** 9 (see page 37)
- Switch **Contralateral line** 10 (see page 38)
- Switch **Blue filter** 11 (see page 38)
- Switch **Colour mode** 12 (see page 39)
- Without switch **Live zoom** (see page 39)
- Setting **Weight distribution unit** 13 (see page 40)

Under the **Camera selection** setting, the **Main camera** 1 is selected.

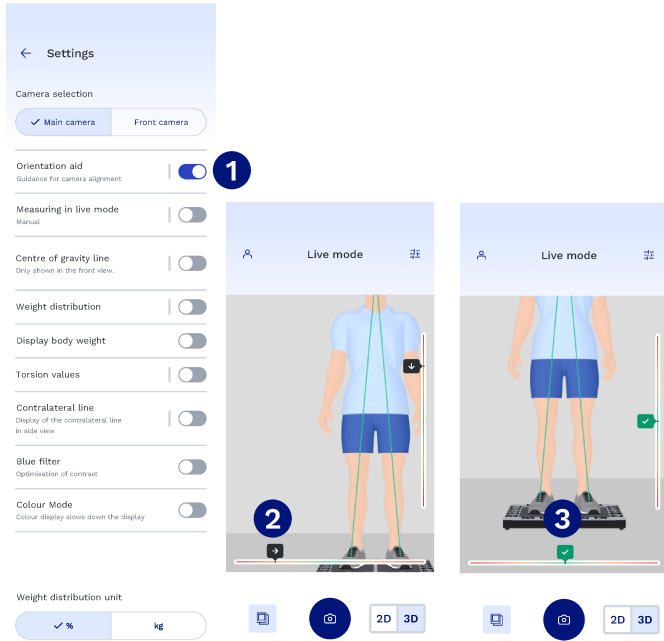
The camera is located on the back 2 of the mobile device. If the mobile device has more than one camera, the camera that the manufacturer has specified as the main camera is used.

Under the **Camera selection** setting, the **Front camera** 3 is selected.

The camera is located on the front 4 of the mobile device.

A tripod for the mobile device is required for use. In addition, a monitor (e.g. a tablet or smart TV) is required on which the screen can be displayed wirelessly.

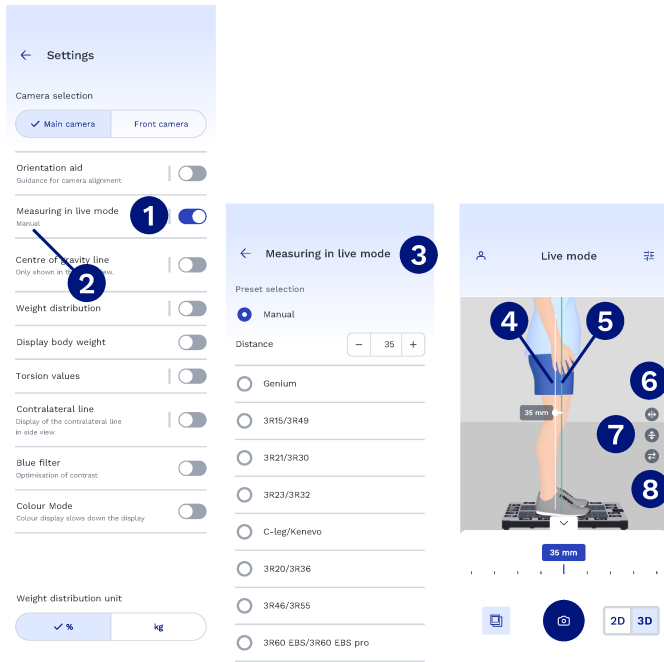
8.4.6.2 Orientation aid



The **Orientation aid 1** display is switched on.

The camera is positioned at a distance of ≥ 1.4 m from the centre of the force measurement plate. The alignment is parallel to the edge of the force measurement plate, without any vertical or horizontal tilting or rotation. The mobile device is then moved in the direction indicated by the arrow symbols **2** on the orientation aid. When the camera is correctly aligned, the arrow symbols change to check marks inside a green box **3**.

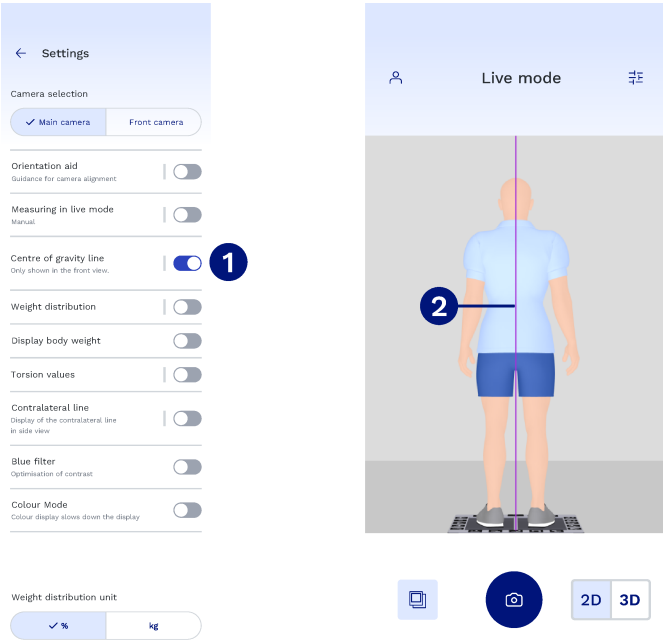
8.4.6.3 Measuring in live mode



The function **Measuring in live mode 1** is switched on. This function may limit app performance.

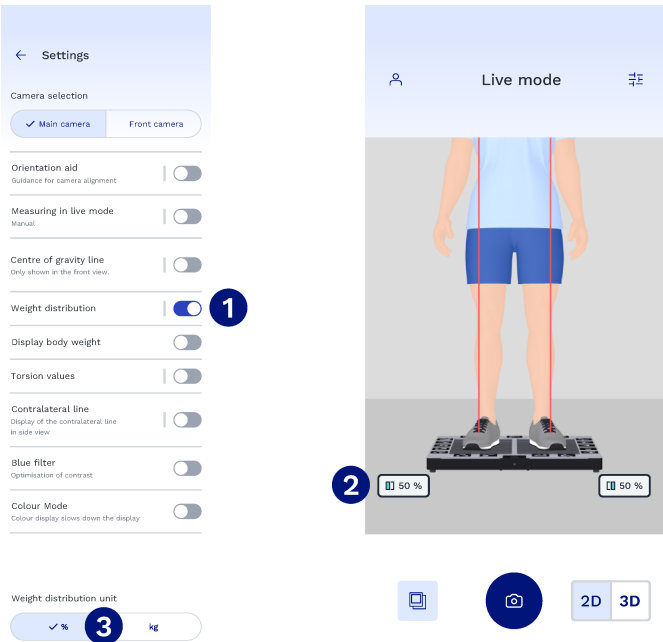
Tapping the word **Manual 2** (or the displayed prosthetic knee joint instead) opens the **Measuring in live mode screen 3**. A value can be entered manually here or the value for a prosthetic knee joint can be selected. This value represents the distance between the auxiliary line **4** and the force measurement line **5**. The position of the auxiliary line can be changed by tapping or tapping and swiping the **6 + 7 + 8** arrow icons.

8.4.6.4 Centre of gravity line



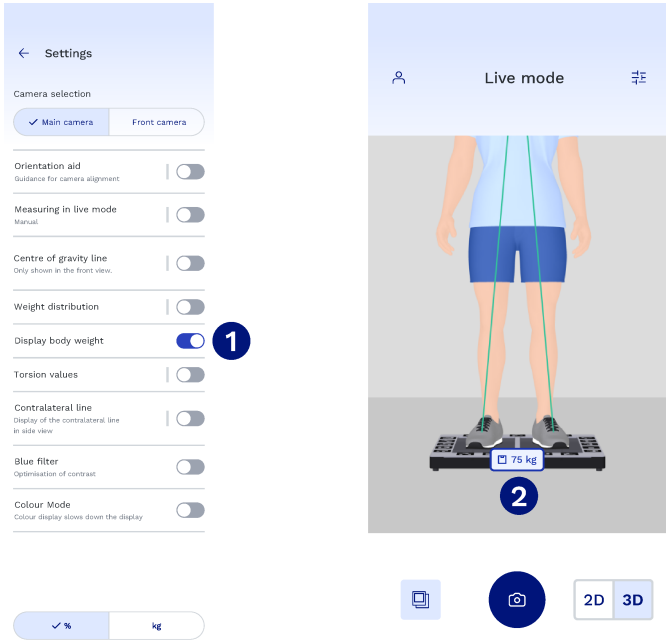
The function **Centre of gravity line** ① is switched on.
The **Centre of gravity line** ② is displayed. The display does not work in the sagittal view.

8.4.6.5 Weight distribution



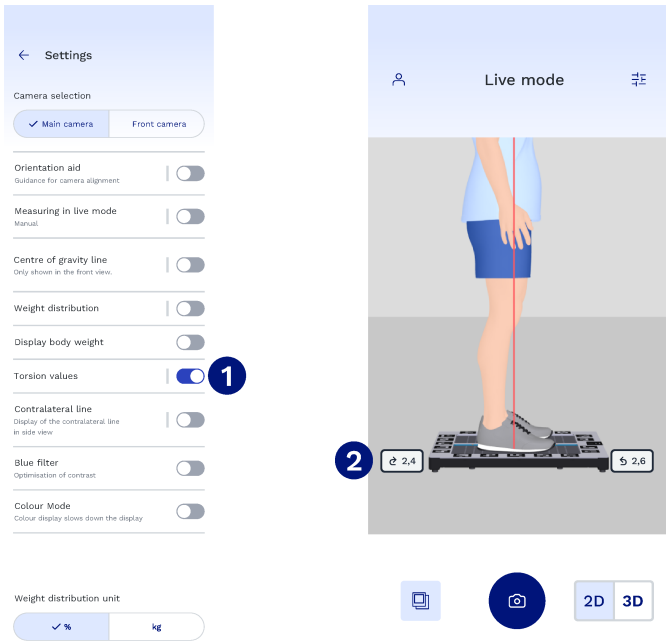
The **Weight distribution** ① display is switched on.
The boxes ② display the weight distribution based on the selection under **Weight distribution unit** ③ (% or weight unit in **kg** or **lb**, as specified in the “App settings section (Language/weight unit)” – see page 30).

8.4.6.6 Display body weight



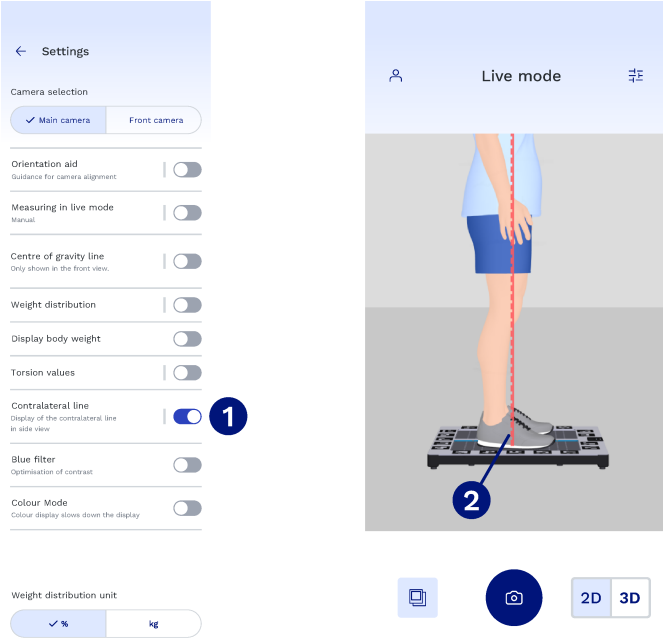
The display **Display body weight** 1 is switched on.
The body weight is displayed in the box 2 (weight unit in **kg** or **lb**, as specified in the section “App settings (Language/weight unit)” – see page 30).

8.4.6.7 Torsion values



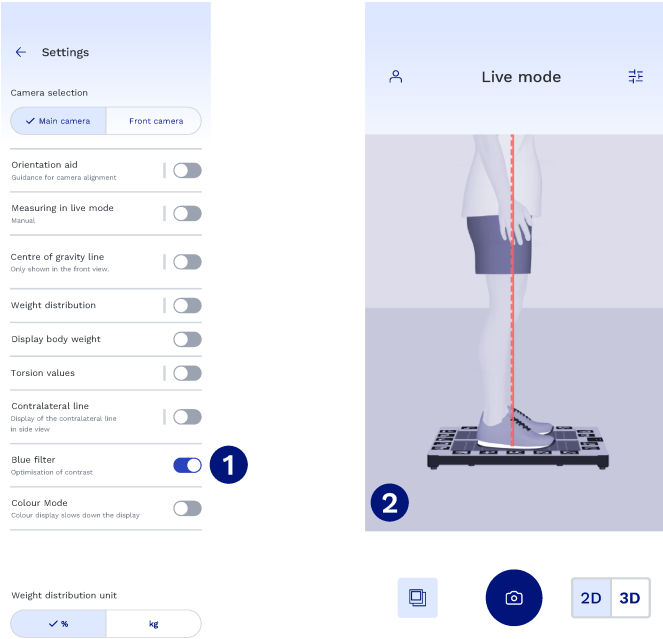
The display **Torsion values** 1 is switched on.
The torsion values are displayed in the boxes 2 (weight unit in **Nm**).

8.4.6.8 Contralateral line



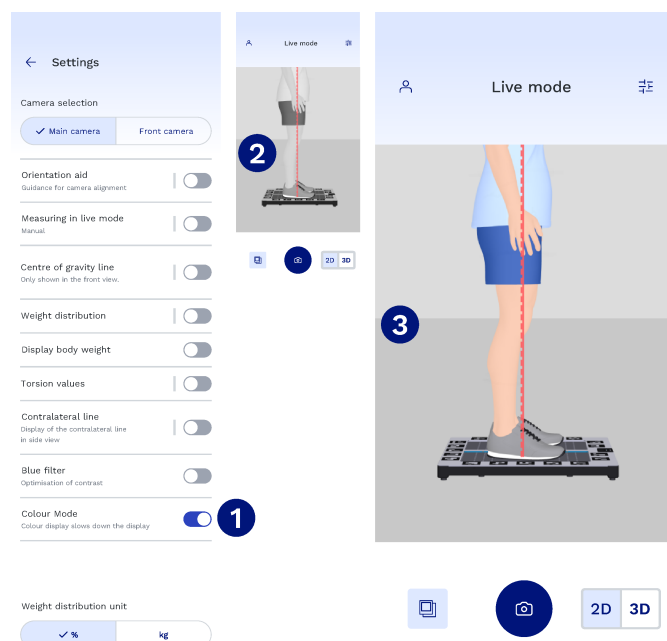
The function **Contralateral line** ① is switched on.
The **Contralateral line** ② is shown as a dotted line only in the sagittal view.

8.4.6.9 Blue filter



The function **Blue filter** ① is switched on.
In live mode ②, the blue filter can be used on red and green clothes to improve the contrast to the red and green lines.

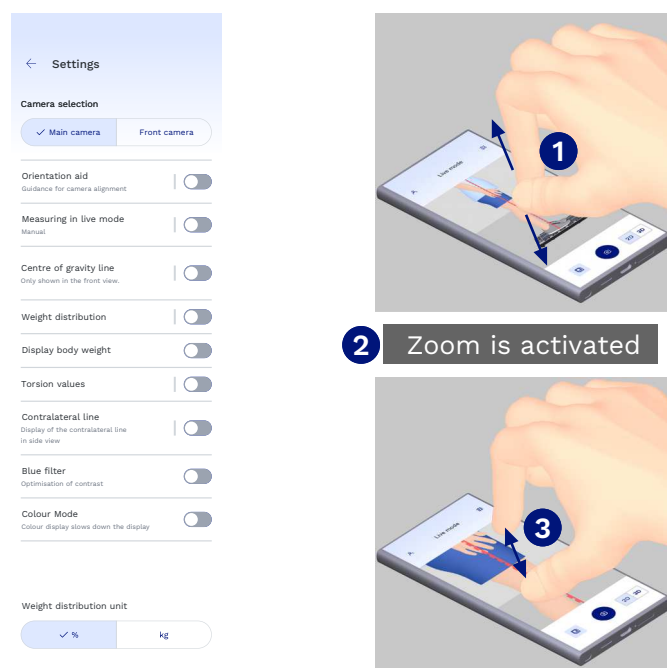
8.4.6.10 Colour mode



The **Colour mode 1** function is disabled by default to improve performance on lower-spec mobile devices and to display the force lines without any display issues. In live mode, the display is black and white 2 and the app uses less power.

When the **Colour mode 1** function is switched on, the display in live mode is in colour 3. Colour mode can be used on powerful mobile devices. If performance issues occur when viewing in live mode (e.g. slow playback and distorted force lines), the mode must be switched off again.

8.4.6.11 Live zoom



There is no switch for the **Live zoom** function under **Settings**.

The **Live Zoom** function is switched off by default to improve performance in live mode. If the app detects a ZOOM gesture on the touchscreen, the notification **Zoom is being activated 2** is displayed for 2 seconds. When the notification disappears, ZOOM gestures can be used to zoom in 1 or out 3 in live mode. This function is deactivated again when the shutter button is pressed for a recording or the app is switched off.

8.4.6.12 Weight distribution unit



% ❶ is selected under the **Weight distribution unit** selection.

The boxes ❷ show the weight distribution in the selected unit.

Under the **Weight distribution unit** option, either **kg** ❸ or **lb** is selected, depending on the display.

The boxes ❹ show the weight distribution in the selected unit.

8.4.7 Image gallery

Protecting user data

- **For the protection of user data beyond the data protection laws of the user's country, note also the information in this section.**

The following files, which contain user data, must be protected:

- ***.pdf**
 - The app can generate these files in the **Image gallery** screen for selected images. These files are not encrypted.
- ***.jpg/*.zip**
 - The app can generate these files in the **Image gallery** screen for selected images. These files are not encrypted.

Protecting files from data loss

Any digital storage medium can lose files due to various influences. The following backup measures are therefore necessary:

- Back up files to another storage medium regularly (e.g. using a USB cable) – every day, if possible.
- Check that the backed up files are readable with the appropriate program or app.
- Delete files only when they are no longer needed or have been backed up and checked to ensure they are readable.
- **INFORMATION: Uninstalling the lazar posture app will irrevocably delete all data. Therefore, only uninstall the app after backing up the data.**

Protecting files from unauthorised access

To protect the files from unauthorised access, the following measures are important:

- Protect the mobile device from unauthorised access. Always keep user data confidential. Use the available security settings on the mobile device (e.g. a screen lock secured by a PIN, facial and/or fingerprint recognition and automatic screen locking).
- Process the unencrypted files as quickly as possible, back them up and delete them from the mobile device once they are no longer needed.

Image gallery – sort and search images



Screen **Image gallery** ②

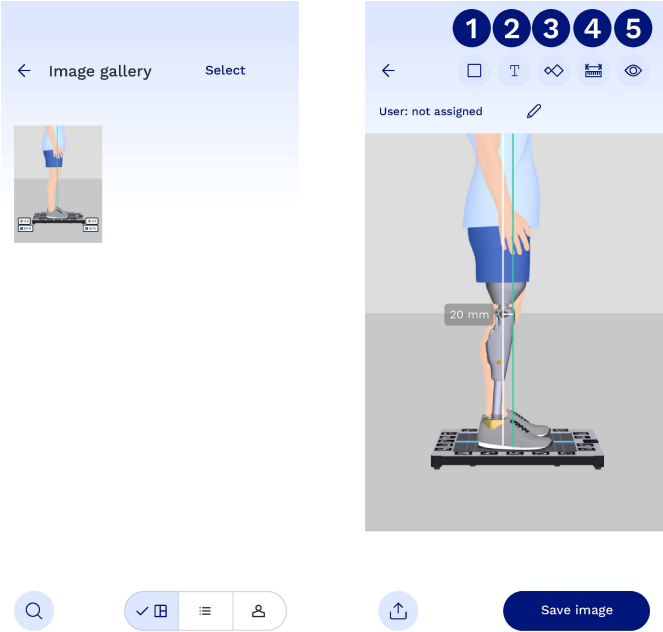
Switches to the screen **Live mode** ① (see page 27)

Select ③ allows you to choose multiple images – see the heading “Image gallery – Select images”

The magnifying glass icon ④ opens the search field (search terms: first name and last name)

1. The sort icon ⑤ sorts the images by date as shown
2. The sort icon ⑥ sorts the images by date and displays them as a list as shown
3. The sort icon ⑦ sorts the images by name as shown

Image gallery – edit images



Frame icon **1** for covering up unwanted elements with a frame

Text icon **2** to display text

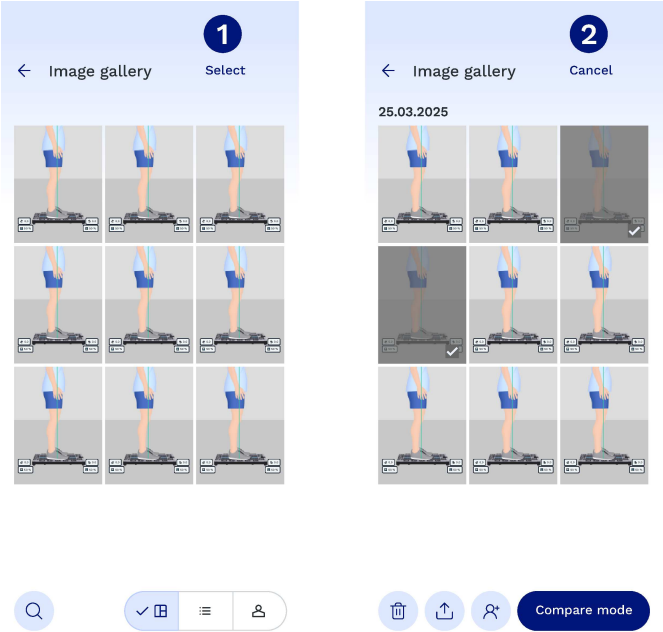
Gauge icon **3** to display a gauge (sagittal view: 60 : 40 | frontal view: 50 : 50)

Measurement icon **4** to place and position auxiliary lines on 2D and 3D lines

If necessary, the grey box with the distance value can be decoupled by double tapping and then moved (e.g. if a large number of auxiliary lines is used). The decoupling is removed again when the auxiliary line is moved.

Eye icon **5** to switch between 2D and 3D lines

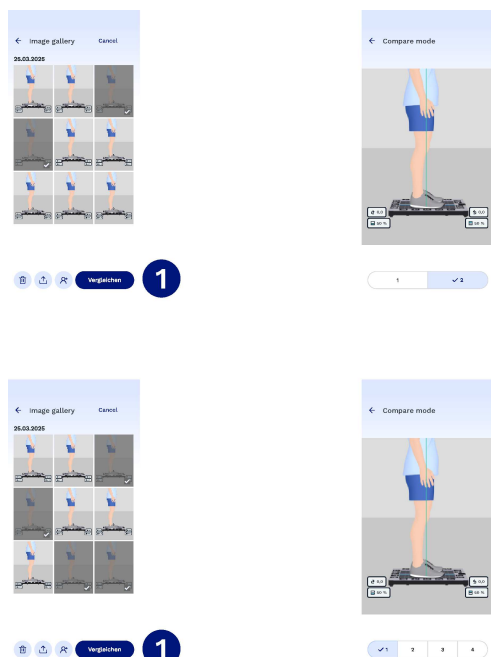
Image gallery – select images



Select 1 allows you to select multiple images

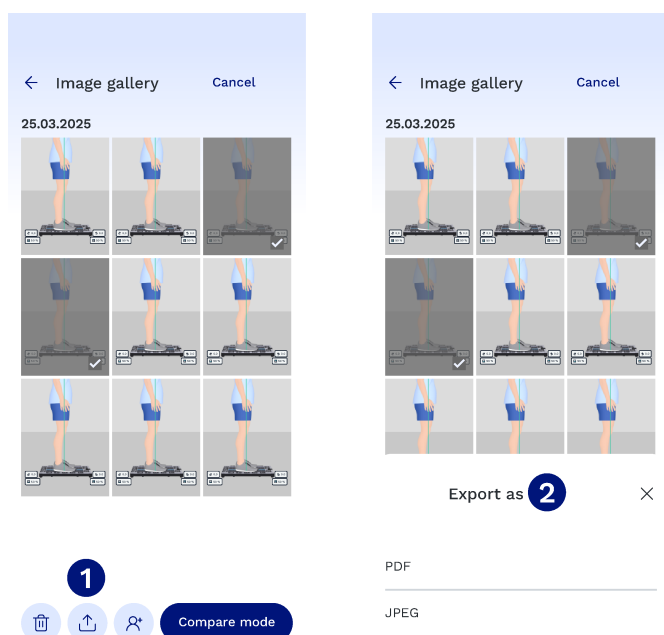
Cancel 2 deselects the selection

Image gallery – compare images



Select 2 to 4 images and tap **Compare mode** ① to view the images in this mode.

Image gallery – export images



After selecting the desired images and tapping the export icon ①, you can choose under **Export as** ② whether to export them as a PDF or a JPEG. Multiple JPEG files are exported in one ZIP file.

Protecting user data

► **For the protection of user data beyond the data protection laws of the user's country, note also the information in this section.**

The following files, which contain user data, must be protected:

- ***.pdf**
 - The app can generate these files in the **Image gallery** screen for selected images. These files are not encrypted.
- ***.jpg/*.zip**
 - The app can generate these files in the **Image gallery** screen for selected images. These files are not encrypted.

Protecting files from data loss

Any digital storage medium can lose files due to various influences. The following backup measures are therefore necessary:

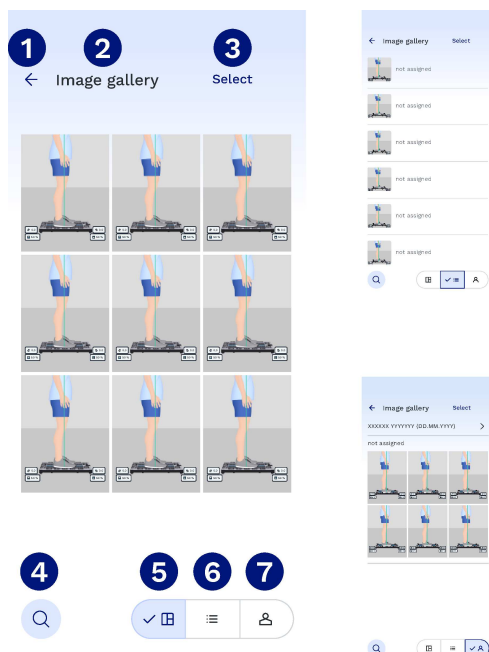
- ▶ Back up files to another storage medium regularly (e.g. using a USB cable) – every day, if possible.
- ▶ Check that the backed up files are readable with the appropriate program or app.
- ▶ Delete files only when they are no longer needed or have been backed up and checked to ensure they are readable.
- ▶ **INFORMATION: Uninstalling the lazar posture app will irrevocably delete all data. Therefore, only uninstall the app after backing up the data.**

Protecting files from unauthorised access

To protect the files from unauthorised access, the following measures are important:

- ▶ Protect the mobile device from unauthorised access. Always keep user data confidential. Use the available security settings on the mobile device (e.g. a screen lock secured by a PIN, facial and/or fingerprint recognition and automatic screen locking).
- ▶ Process the unencrypted files as quickly as possible, back them up and delete them from the mobile device once they are no longer needed.

Image gallery – sort and search images



Screen **Image gallery** ②

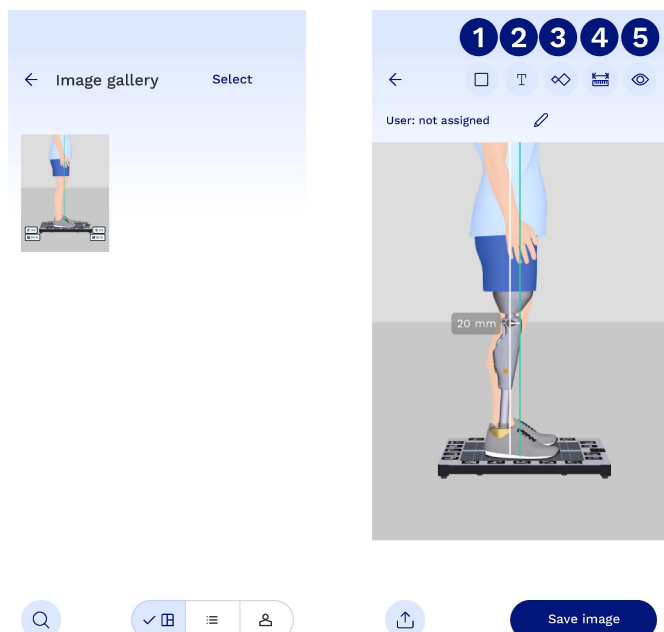
Switches to the screen **Live mode** ① (see page 27)

Select ③ allows you to choose multiple images – see the heading “Image gallery – Select images”

The magnifying glass icon ④ opens the search field (search terms: first name and last name)

1. The sort icon ⑤ sorts the images by date as shown
2. The sort icon ⑥ sorts the images by date and displays them as a list as shown
3. The sort icon ⑦ sorts the images by name as shown

Image gallery – edit images



Frame icon **1** for covering up unwanted elements with a frame

Text icon **2** to display text

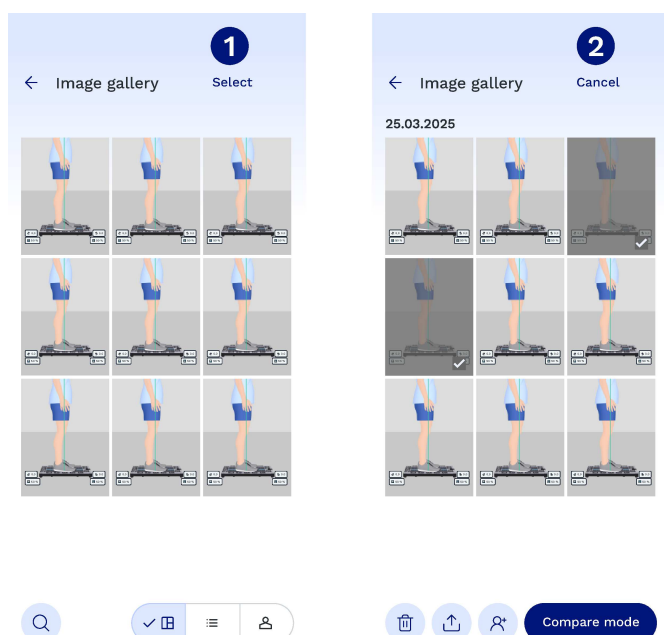
Gauge icon **3** to display a gauge (sagittal view: 60 : 40 | frontal view: 50 : 50)

Measurement icon **4** to place and position auxiliary lines on 2D and 3D lines

If necessary, the grey box with the distance value can be decoupled by double tapping and then moved (e.g. if a large number of auxiliary lines is used). The decoupling is removed again when the auxiliary line is moved.

Eye icon **5** to switch between 2D and 3D lines

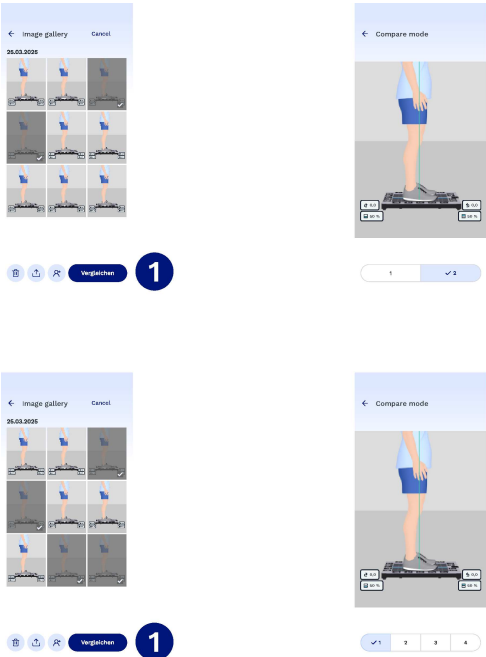
Image gallery – select images



Select 1 allows you to select multiple images

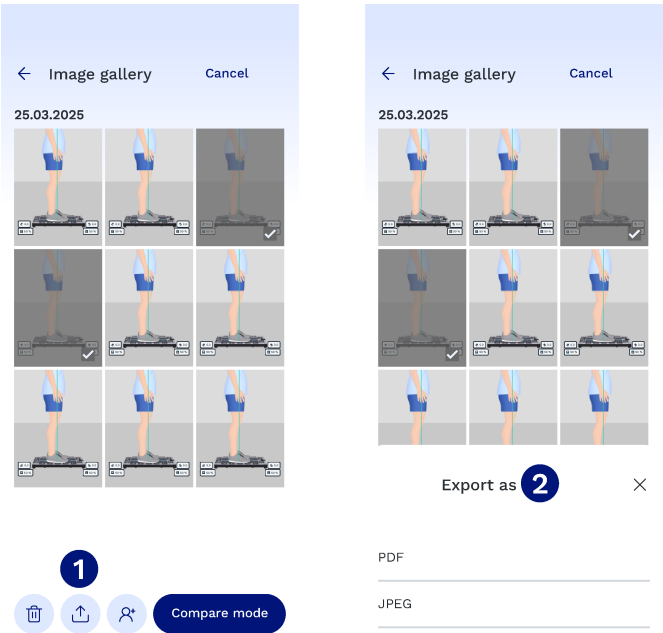
Cancel 2 deselects the selection

Image gallery – compare images



Select 2 to 4 images and tap **Compare mode 1** to view the images in this mode.

Image gallery – export images



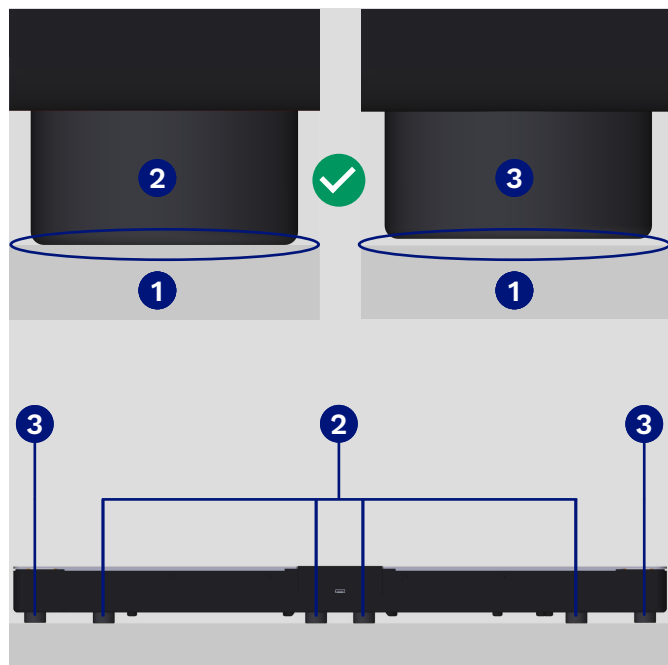
After selecting the desired images and tapping the export icon **1**, you can choose under **Export as 2** whether to export them as a PDF or a JPEG. Multiple JPEG files are exported in one ZIP file.

8.5 Setting up the product

NOTICE!

Product damage or malfunction caused by lack of time for the product to adapt to the environmental conditions in the room

- Allow the product to adapt to the environmental conditions in the room if it has previously been transported or stored at warmer or colder temperatures.

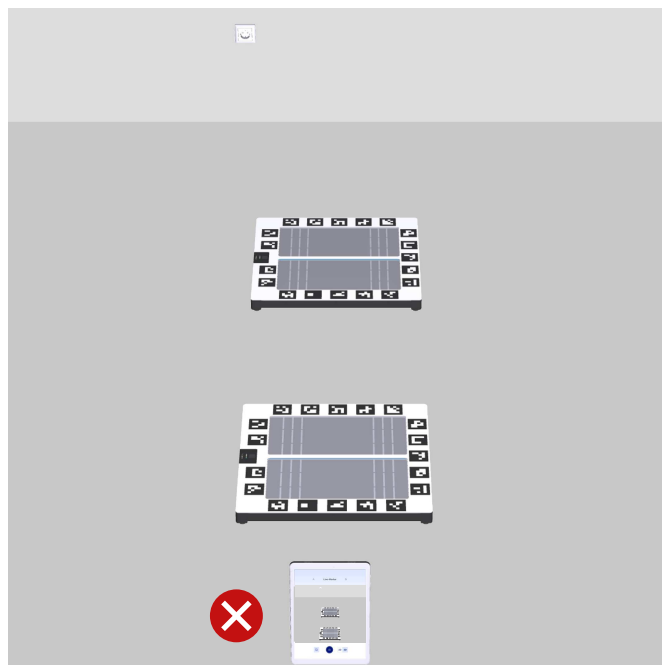


- ❶ Supporting surface
- ❷ Measuring feet (8 x)
- ❸ Anti-tip feet (4 x)

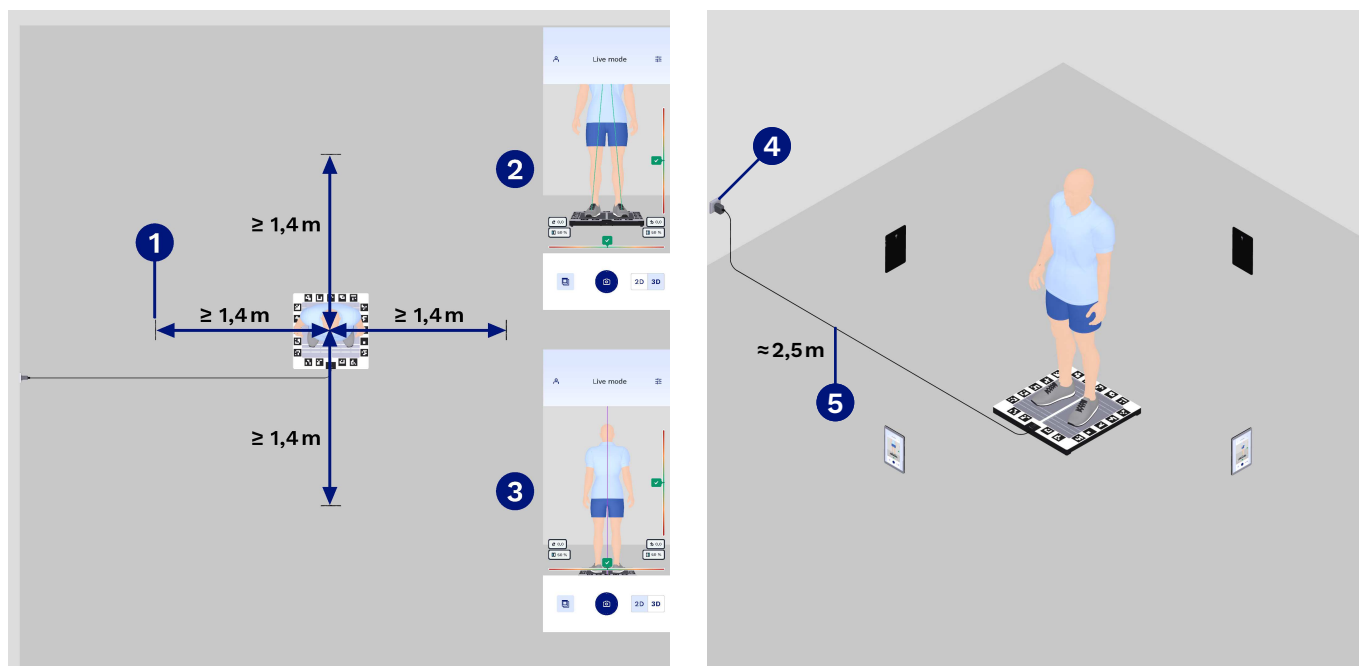
The supporting surface ❶ must be level and firm (e.g. laminate, concrete, PVC flooring, firm short-pile carpet).

For the correct measurement ✓, it is important that the following points are met at the same time:

- All measuring feet stand firmly on the supporting surface.
- The anti-tip feet at the four corners of the force measurement plate do not touch the floor.



- ✗ When using more than one force measurement plates in a room, they must not be positioned in such a way that the mobile device's camera can capture both force measurement plates.



- ① Mobile device
Smartphone/tablet

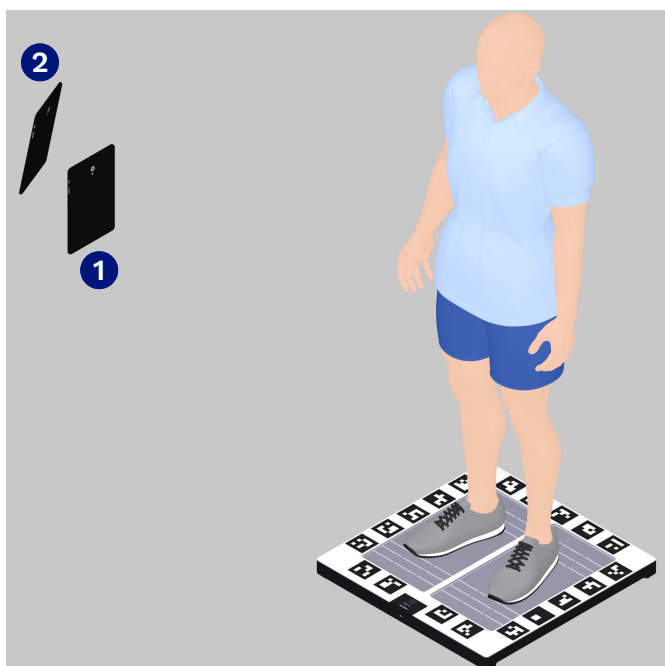
- ④ Power supply unit + outlet
⑤ Cables

In addition to the specified distance between the mobile device's ① camera and the user on the force measurement plate, you must also ensure that there is sufficient space to hold and align the camera. When connected to the mains ④, the cable ⑤ supplied determines the distance between the force measurement plate and the power supply unit and the outlet.

The cable routing shown helps you to position the camera from all 4 sides without the cable getting in the way.

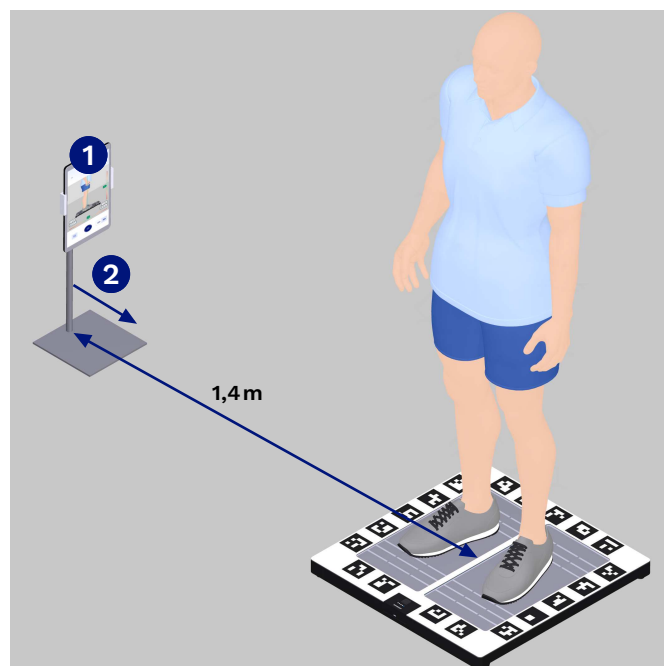
The lighting in the room should provide sufficient, constant and consistent brightness. Windows and light sources that create backlighting or strong light contrasts for the camera must be blocked out (e.g. using blinds, curtains or by switching them off) so that the shutter priority is not adversely affected. There must be no reflections on the edge of the force measurement plate that could be picked up by the camera, as these would interfere with position detection.

In the screenshots shown ② + ③, the displays for **torsion values**, **weight distribution** and **orientation aid** are activated. The **orientation aid** helps to align the camera horizontally and vertically with the force measurement plate. It cannot be used to determine the correct distance. If you note the position of the force measurement plate in relation to the displays that are switched on in the app and if the orientation aid shows the correct horizontal and vertical alignment and the distance matches the specifications, this helps you maintain the correct distance without having to measure it again.



❶ The mobile device must always be positioned parallel to the force measurement plate and aligned horizontally and vertically using the **orientation aid**. It must not be tilted or turned. Only then will correct values be displayed both in the live view and in the image gallery during measurement.

❷ If the mobile device is tilted, rotated or held at a distance of less than 1.4 m, this will result in significant deviations in the displayed measurements, meaning that correct prosthetic and orthotic treatment cannot be ensured.



When using the front camera, some mobile devices may not display force lines in the lazar posture ❶ app at a distance of 1.4 m. Only in this case should the distance be slowly reduced ❷ until the force lines are displayed. Once the force lines are displayed consistently, the distance must not be reduced any further.

8.6 Optimising the alignment of prostheses and orthoses

CAUTION!

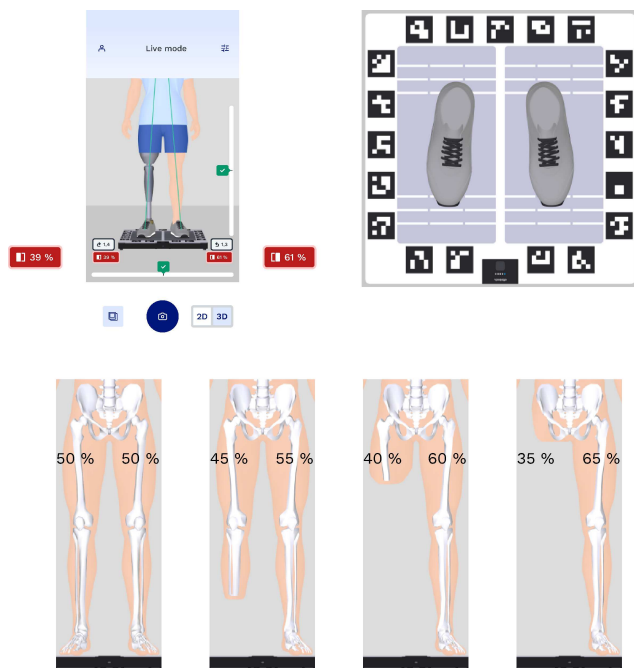
Injuries and malpositions caused by incorrect alignment due to failure to observe the alignment specifications

- Observe all other applicable documents for the prosthetic and orthotic components (e.g. instructions for use, alignment recommendations, quickstart guides and technical information).

INFORMATION

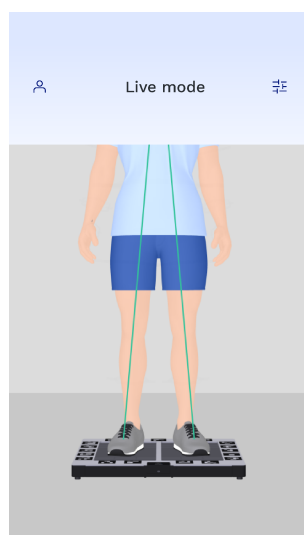
The information in this document provides a brief overview of the possibilities offered by the lazar posture for optimising the static alignment of prostheses and orthoses. Ottobock training for the lazar posture imparts theoretical and practical knowledge on how to use it successfully.

Optimum static alignment makes it possible for the user to stand in a relaxed posture and provides the basis for optimisation during the dynamic trial fitting.

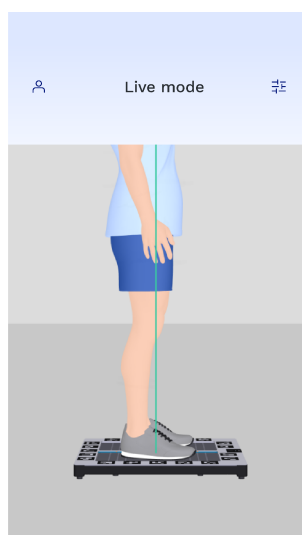


INFORMATION: The boxes for weight distribution with the force measurement plate symbol and the corresponding numerical value are shown in red after falling below 40 %.

- Carefully position the user on the force measurement plate as shown in the illustration, ensuring the following:
 - The user stands in a relaxed posture
 - The user looks straight ahead
 - The user stands centred on the force measurement plate
 - The user's hips are parallel to the frontal plane
 - The user's feet are positioned hip-width apart (following skeletal orientation) on the force measurement plate
 - The user's shoe tips are aligned in a straight line
 - Even 50 % : 50 % load distribution (deviations apply for users with a prosthesis depending on the amputation level)
 - The user's arms are hanging loose
 - The user is standing unsupported during measurement

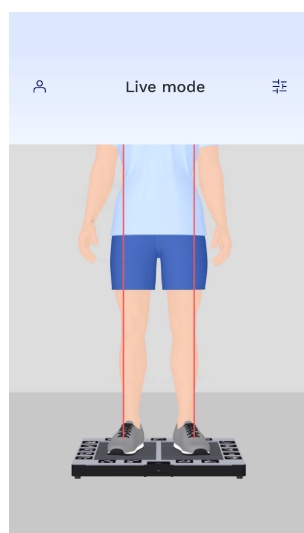


1.

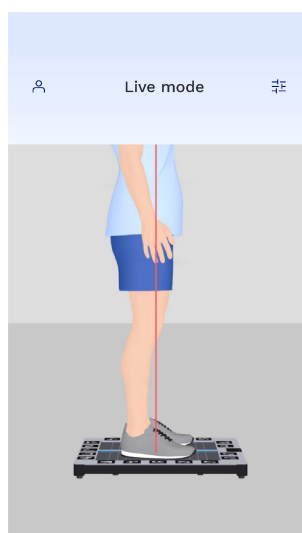


When alignment recommendations with values for 3D mode are available, it is recommended to optimise the alignment of prostheses and orthoses exclusively in this mode. If only values for 2D mode are available, optimisation is performed in the following order:

1. **Optimisation in live mode (3D)** (see page 53)
2. **Optimisation in live mode (2D)** (see page 56)



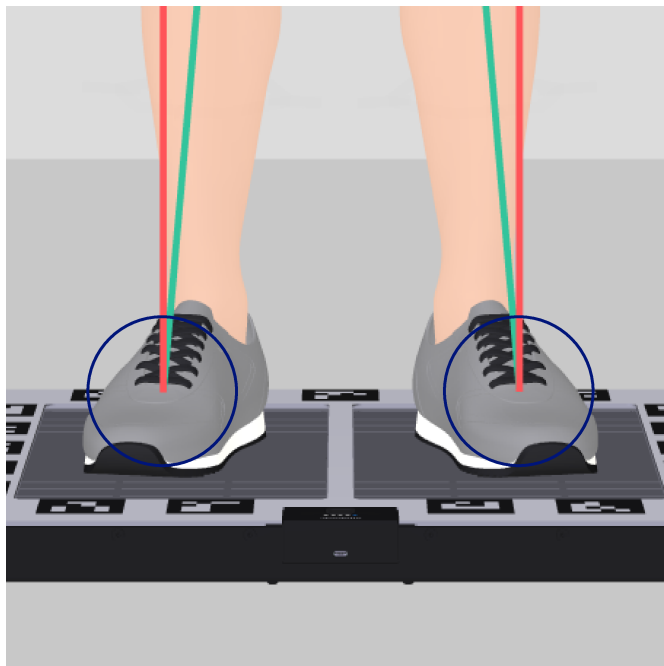
2.



If the user stands on the force measurement plate in as relaxed a posture as possible, any deviations from the characteristics of optimum, relaxed standing can be assumed to result from suboptimal static alignment and can be corrected through appropriate adjustments.

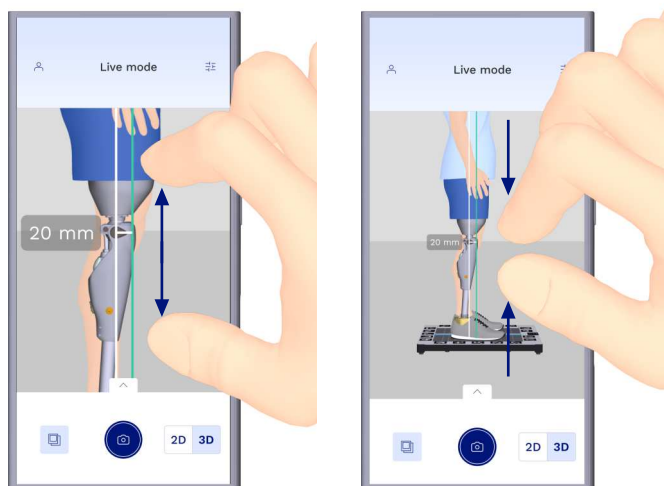
The following characteristics indicate optimum, relaxed standing:

- **Sagittal load line**
Live mode (3D and 2D): parallel to each other, overlapping, bottom end of the load line (load transmission point or force transmission point) in the centre of the foot
- **Frontal load lines**
Live mode (3D): runs through centre of knee
Live mode (2D): runs along the lateral patella edge



The force transmission points (bottom ends of the load lines) are in the same place in **3D** and **2D** live mode (see markings in the illustration). Simultaneous display is not possible in the app.

The image in live mode can be zoomed in or out for better control.



8.6.1 Optimise in live mode (3D)

INFORMATION

The following illustrations show load lines with 3D mode enabled; their course is incorrect as it does not correspond to the optimum course described in the section “Optimising the alignment of prostheses and orthoses” (see page 50). Possible causes are listed, identifying what may be wrong and therefore how the static alignment has to be optimised. The course of the load lines with 3D mode deactivated is shown in addition.

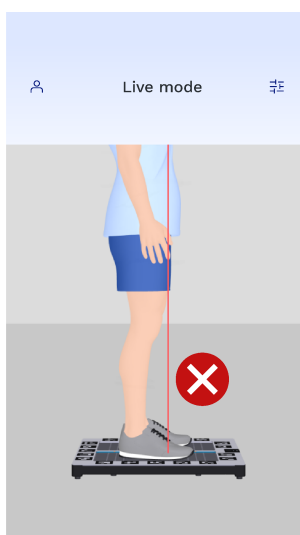
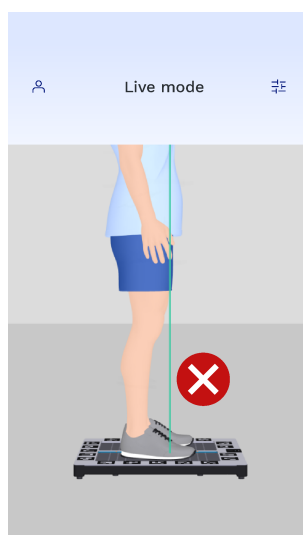
Due to their fundamental importance for the illustrations in this section, the possible causes and solutions listed below are identified according to their numbers.

Possible causes

- 1a) Improper bench alignment
- 2a) Static alignment with shoes not optimised
- 3a) No adjustment for different heel heights of different shoes

Possible solutions

- 1b) Ensure proper bench alignment
- 2b) Optimise static alignment with shoes (prosthetics: adjust plantar flexion)
- 3b) Adjust different heel heights of different shoes to one heel height using insoles (also take the contralateral side into account)



Deviations in the course of the load lines in 3D mode

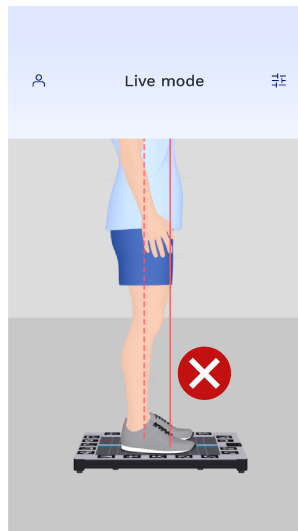
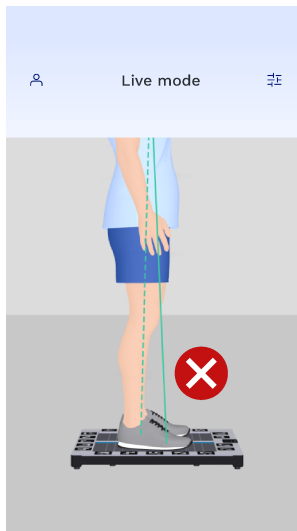
- Force transmission point not in foot centre but in forefoot area

Possible causes

- 1a), 2a)
- User balancing on the balls of both feet

Possible solutions

- 1b), 2b)
- Ask the user to stand upright
- By reducing plantar flexion, shift the force vector in the posterior direction so the user stands upright naturally



Deviations in the course of the load lines in 3D mode

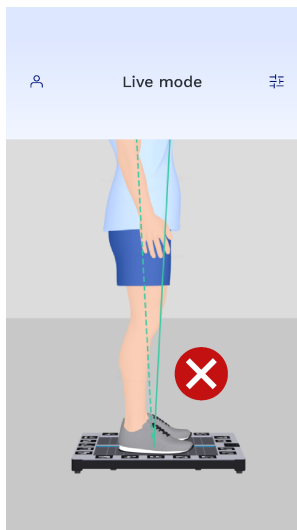
- Force transmission points far away from one another
- Significantly tilted towards each other at the top

Possible causes

- 1a), 2a), 3a)
- Transfemoral prostheses: pes equinus position for knee stabilisation
- Orthosis: spasm

Possible solutions

- 1b), 2b), 3b)
- Orthosis: use suitable means to establish ground contact of the elevated heel to make force transmission more balanced



Deviations in the course of the load lines in 3D mode

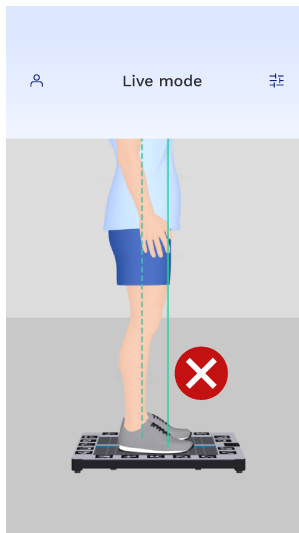
- Force transmission points close together
- Significantly tilted away from each other at the top

Possible causes

- Hips not parallel to frontal plane
- 1a), 2a)
- Subjective instability of the prosthetic knee joint
- Unfavourable component selection
- Changes on the contralateral side
- Excessive compensation for a hip flexion contracture
- Unfavourable load application to the prosthetic socket

Possible solutions

- 1b), 2b)
- Use a prosthetic knee joint with stance phase support
- Take hip flexion contracture into account for optimisation during the dynamic trial fitting
- Evenly distribute load application to the prosthetic socket



Deviations in the course of the load lines in 3D mode

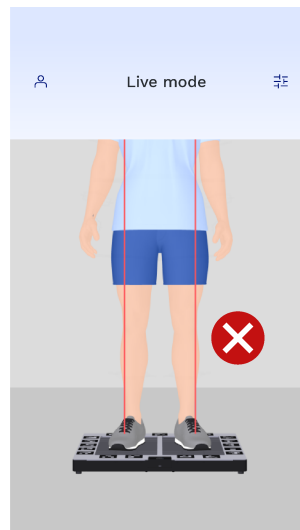
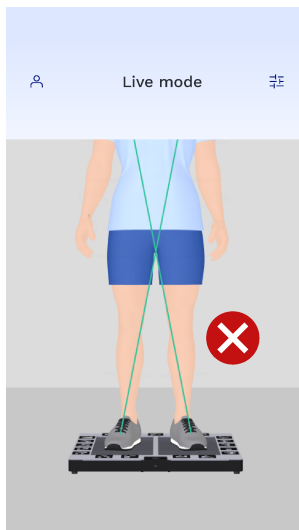
- Force transmission points far away from one another
- Parallel to each other

Possible causes

- 1a), 2a), 3a)
- Unfavourable component selection
- Socket problems
- Changes on the contralateral side

Possible solutions

- 1b), 2b), 3b)



Deviations in the course of the load lines in 3D mode

- Not through knee centre
- Significantly tilted towards each other at the top

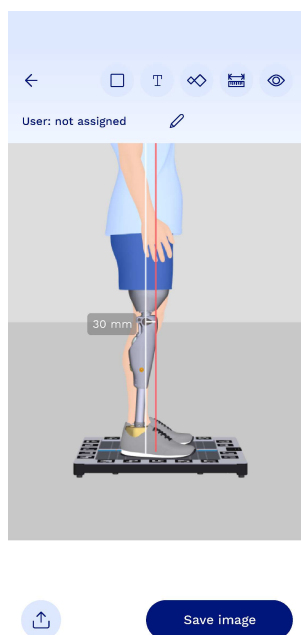
Possible causes

- 1a), 2a)
- Abduction moment of the hip
- Load of the prosthetic socket on the medial socket brim (transfemoral prosthesis)

Possible solutions

- 1b), 2b)
- Reduce pressure on the medial socket brim

Using auxiliary lines

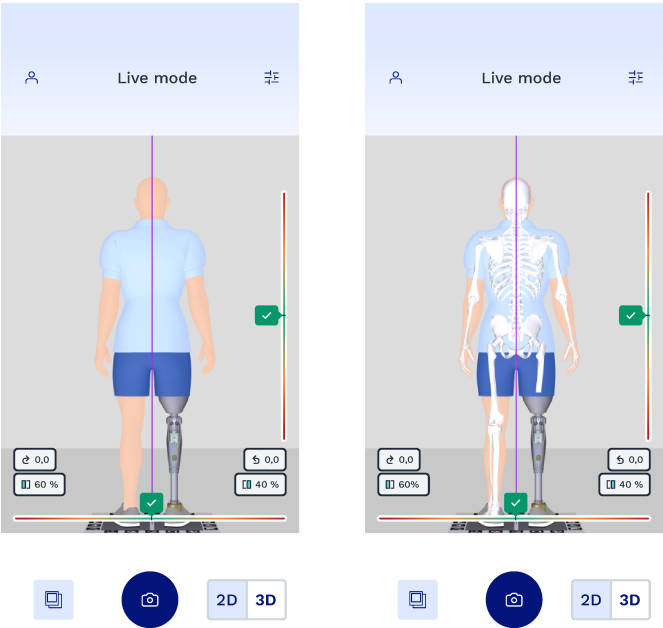


The function **Measuring in live mode** is switched on (see page 35).

The illustration shows how in live mode the alignment recommendation for sagittal view from instructions for use for a prosthetic knee joint can be checked using an auxiliary line.

The **Edit** function is used in the **Image gallery** (see page 41) ().

The illustration shows how the alignment recommendation for the sagittal view from instructions for use for a prosthetic knee joint can be checked in a recorded image using an auxiliary line. It is possible to set multiple auxiliary lines to check all values.

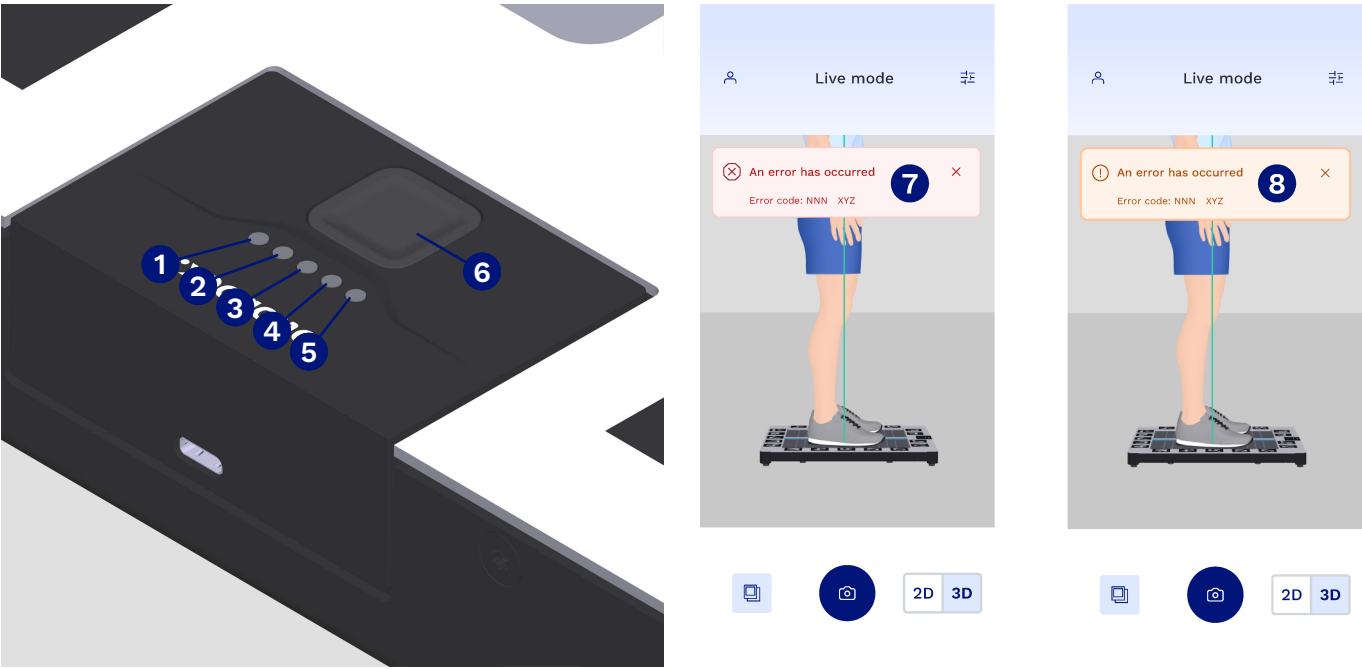


The **Centre of gravity line** function is switched on (see page 36).

This view can be used to control the spine and to adjust the leg length. When the load on the legs is approximately equal and the knees are extended, the spinous processes of the vertebral bodies have to be above each other as parallels to the vertical reference line shown in purple.

8.7 Troubleshooting error and warning messages

Error and warning messages are displayed in the following ways:



Message type	LED signals	1	2	3	4	5
Error message 7	The LEDs 1 up to 4 flash white at a rapid, synchronized speed.	○	○	○	○	●
Warning message 8	The LEDs 1 up to 4 flash white at a moderate, synchronized speed.	○	○	○	○	○

8.7.1 Troubleshoot error messages

Error messages	
Error code (in app and work.hub)	Error message
165	Switch off the lazar posture and restart it without weight on the measuring plates.
184 to 187, 189, 194, 196	If the fault message continues to appear after a restart, contact customer service.
188	If the fault message continues to appear after a restart, use a different power supply unit for charging.

- 1) Follow the warning message if an error code is displayed.
- 2) If following the warning message does not resolve the error, contact customer service, stating the error code and warning message.

8.7.2 Resolve warning messages

Warning messages	
Error code (in app and work.hub)	Warning message
180	Maximum permissible user weight exceeded – ask the user to step off.
181	Check whether the lazar posture is on level ground. Position the user standing hip-width apart and centred on the measuring plates.
182, 193	If the lazar posture is too hot, allow it to adjust to the appropriate room temperature for use.
183, 192	If the lazar posture is too cold, allow it to adjust to the appropriate room temperature for use.
195	Replace the connected, incompatible power supply unit with a compatible one.

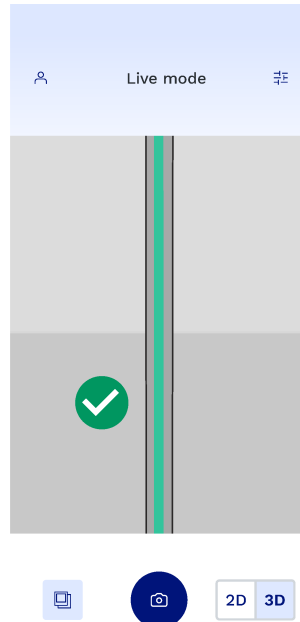
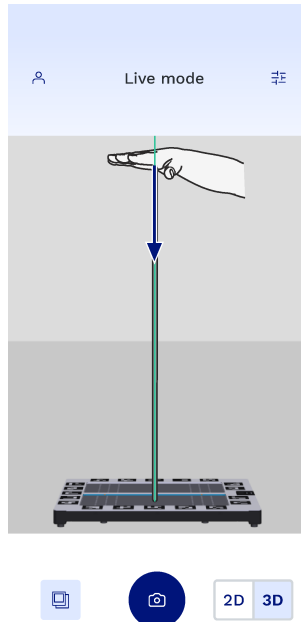
- 1) Follow the warning message if an error code is displayed.
- 2) If the error is not resolved by following the warning message, restart the lazar posture.
- 3) If restarting does not resolve the error, contact customer service, stating the error code and warning message.

8.8 Ensure device functionality

The following measures are required to ensure that the device functionality of the lazar posture is within the specified tolerances with regard to display accuracy:

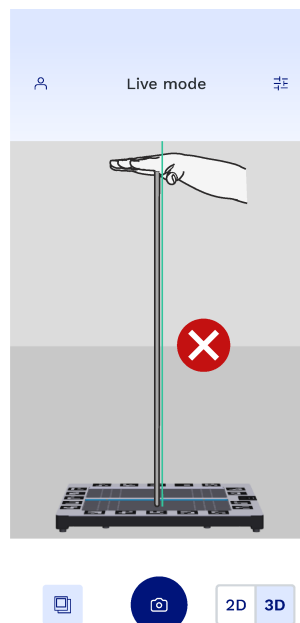
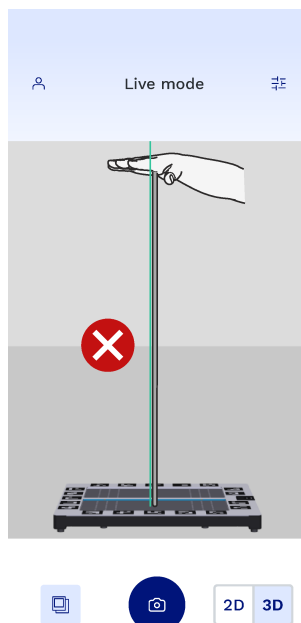
- **Check the display of the load lines** (see page 60)
- **Have the product inspected by service** (see page 61)

8.8.1 Checking the display of the load lines



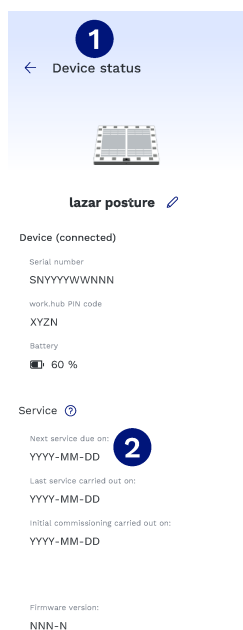
Calibration in this section serves to check the measuring accuracy of the product.

- > **Inspection interval:** 1× quarterly
- > **Measuring and test equipment:** rod with rounded ends
- > **Mode:** 3D mode activated
- ▶ Press the rod firmly and vertically onto the plate. The rod must not bend under load.
→ The load line should be in the centre of the rod.



- ▶ **NOTICE!** If the load line is not in the centre of the rod, take several photos using the lazar posture app and send them to Ottobock Service to check whether the device needs to be sent in for inspection.

8.8.2 Have product inspected by service

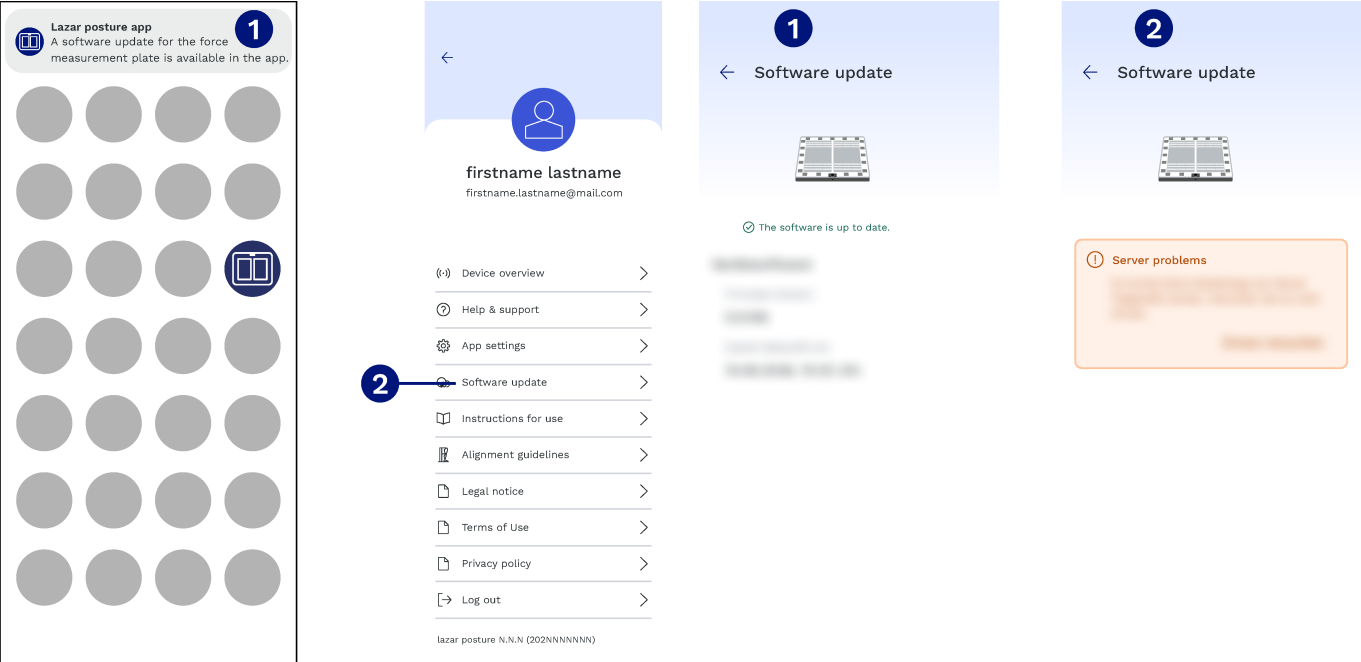


- **NOTICE!** Send the lazarus posture to the manufacturer's service department for inspection by the date shown 2 under **Device status 1** in the app, to ensure that the product's measuring accuracy complies with the specified tolerance (see the "Device status" heading in the "Device overview" section – see page 28).

8.9 Installing software updates

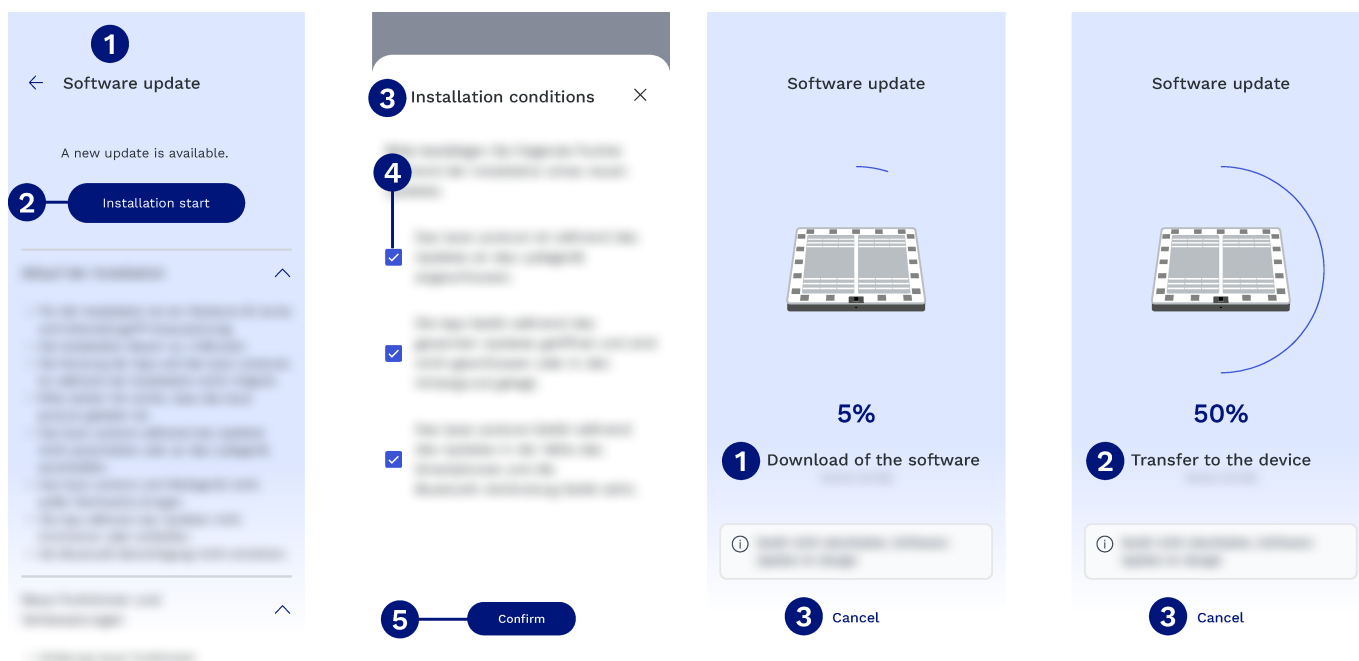
INFORMATION

The software (both the lazar posture app for the mobile device and the firmware for the force measurement plate) must always be kept up to date. It is recommended to check the app stores (App Store/Google Play Store) once a week to see whether a newer version of the app is available. The same period applies to the firmware. This section describes the corresponding procedure.



If permission for notifications was granted when the laz- ar posture app was installed, a notification ❶ is dis- played outside the app when a software update (firm- ware update) is available for the force measurement plate. If this permission has not been granted, the **Soft- ware Update** ❷ function can be selected in the user's profile within the app to check whether a software update is available.

If no update is available, the notification is displayed as shown in the screenshot ❶.
If the update server is unavailable, the notification is displayed as shown in the screenshot ❷.

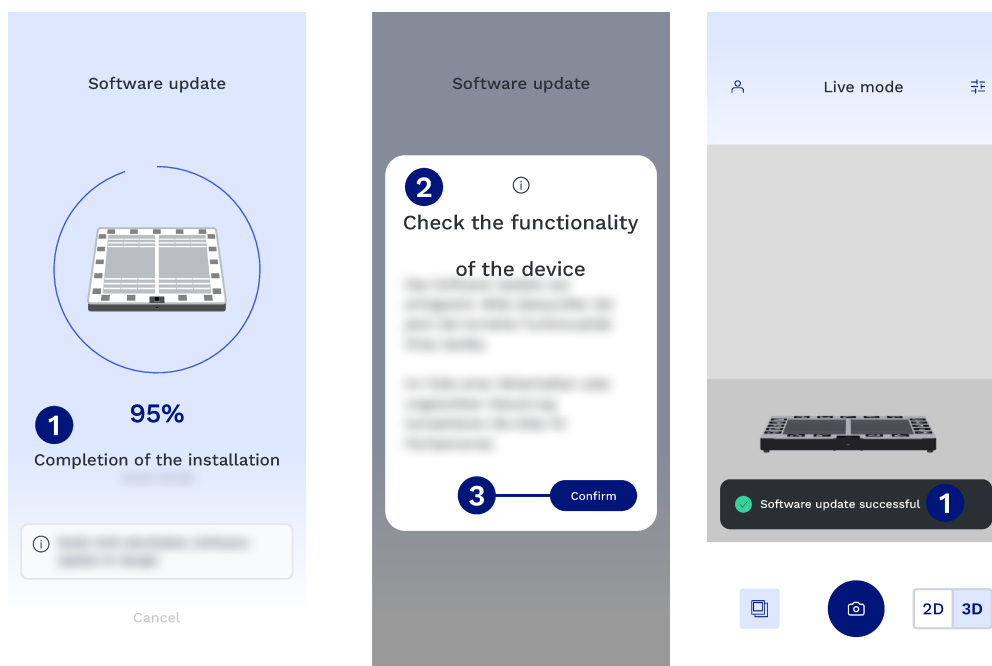


If an update is available, the notification is displayed with other important information as shown in the screenshot ①. After tapping the **Start installation** ② button, all boxes ④ under **Installation conditions** ③ have to be ticked and observed. This includes connecting the force measurement plate to the power supply unit and charging it. When all these points are met, the **Confirm** ⑤ button is activated (changing from grey to blue) and the update process can be started.

The first step is the **Download of the software** ① to the mobile device.

The second step is the **Transfer to the device** ② (force measurement plate).

These two steps can still be stopped by tapping **Cancel** ③.



The third step **Completion of the installation** ① can no longer be cancelled.

In the following window **Check the functionality of the device** ②, the update process is terminated by tapping the **Confirm** ③ button.

If no errors are detected during the inspection of the device, the **Software update was successful** ①.

9 Cleaning

NOTICE!

Product damage due to improper cleaning and unsuitable cleaning agents

- ▶ Clean the product according to the instructions given in this document.
- ▶ Contact the manufacturer in case of types of soiling not mentioned here.

Cleaning light soiling

- 1) Clean the product with a soft, damp cloth. If necessary, a mild household cleaner or disinfectant may be used as an additive.
- 2) Dry the product with a soft cloth.
- 3) Allow to air dry in order to remove residual moisture.

Cleaning with disinfectant

- > **Required materials:** colourless, alcohol-free disinfectant (verify material compatibility!), soft cloth
- 1) Disinfect the product with the disinfectant.
 - 2) Dry the product with a cloth.
 - 3) Allow to air dry in order to remove residual moisture.

10 Disposal



In some jurisdictions it is not permissible to dispose of this product with unsorted household waste. Disposal that is not in accordance with regulations in your country can be harmful to health and the environment. Please observe the instructions of your national authority pertaining to return and collection procedures. In EU countries, for example, the product may not be disposed of with unsorted household waste.

The product contains a built-in lithium-ion battery.

11 Legal Information

11.1 Declaration of Conformity

ottobock.

EU declaration of conformity

Product

Product designation: lazar posture
 Article number: 743L600=1-1
 Description: The lazar posture was developed exclusively for orthopaedic technology. It is intended exclusively for use in prosthetic and orthotic treatment. The lazar posture is intended for checking and optimising the static alignment of prostheses and orthoses together with the user. The lazar posture consists of a force measurement plate and the lazar posture app, which is installed on the customer's mobile device (smartphone/tablet).

Manufacturer

Name: Ottobock SE & Co. KGaA
 Address: Max-Näder-Straße 15, 37115 Duderstadt, Germany

Description

The manufacturer hereby declares in sole responsibility that the product described above complies with the relevant harmonisation legislation of the European Union.

EU legislation applied

The product complies with the requirements of the following directives/regulations:

Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE) (recast)

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain directives

Directive (EU) 2018/851 of the European Parliament and of the Council of 30 May 2018 amending Directive 2008/98/EC on waste

Conformity evaluation procedure

The conformity assessment was carried out according to Annex II of Directive 2014/53/EU (Internal Production Control).

Applied harmonised standards

The following harmonised standards have been applied to assess conformity:

EN IEC 62368-1	Audio/video, information and communication technology equipment – Part 1: Safety requirements
EN 301 489-1	Electromagnetic compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements – Harmonised standard for electromagnetic compatibility
EN 301 489-17	Electromagnetic compatibility (EMC) standard for radio equipment and services – Part 17: Specific conditions for Broadband Data Transmission Systems – Harmonised standard for electromagnetic compatibility
EN 300 328	Wideband transmission systems – Data transmission equipment operating in the 2.4 GHz band – Harmonised standard for access to radio spectrum

Wireless technical information

Frequency band:	2.4 GHz	Maximum transmission power:	Max. 6.5 dBm (EIRP)
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11.2 Liability

The manufacturer will only assume liability if the product is used in accordance with the descriptions and instructions provided in this document (Instructions for Use). The manufacturer will not assume liability for damage caused by disregard of this document.

11.3 Trademarks

All product names mentioned in this document are subject without restriction to the respective applicable trademark laws and are the property of the respective owners.

All brands, trade names or company names may be registered trademarks and are the property of the respective owners.

Should trademarks used in this document fail to be explicitly identified as such, this does not justify the conclusion that the denotation in question is free of third-party rights.

The Bluetooth® word mark and logo are registered trademarks of Bluetooth SIG, Inc. and any use of such trademarks by Ottobock SE & Co. KGaA is under license.

11.4 Local Legal Information

Legal information that applies **exclusively** to specific countries is written in the official language of the respective country of use in this chapter.

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, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

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

Caution: Exposure to Radio Frequency Radiation.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s)..

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Caution: Exposure to Radio Frequency Radiation.

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population.

Caution: Federal law (USA) restricts this device to sale by or on the order of a practitioner licensed by law of the State in which he/she practices to use or order the use of the device.

