

CLEVERMESS

...the clever way to a fitting shoe!



**Operating Manual for *Orthopaedic
children's shoe and foot measuring device***

Introduction

Dear customer,

Thank you for purchasing the **Clevermess shoe and foot measuring device**.

You have purchased a high-quality measuring device, which will help to enable healthy growth of your children's feet.

Please read the manual completely before first use and keep it in a safe place, ideally in its original packaging for future reference.

Please also observe the safety instructions within the manual and do not start using the product until you have done so. You will also find further useful information, and tips on using your new device within this manual.

We hope you enjoy using your orthopaedic children's shoe and foot measuring device.

Nicole Oberhofer

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Safety instructions

Please observe the safety instructions below.

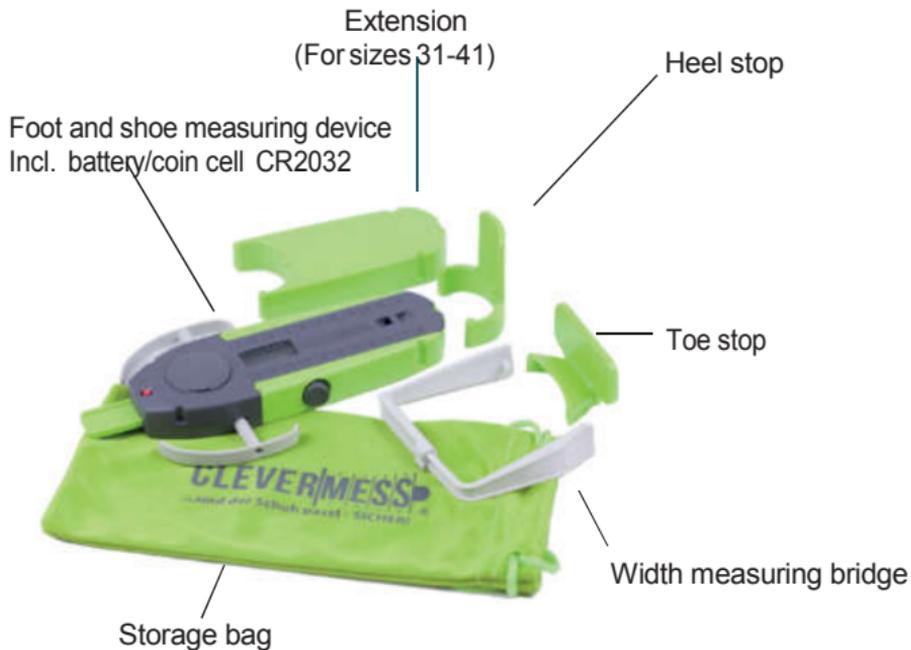
Keep all packaging material away from children, as there is a risk of suffocation. We cannot accept any liability for incidents resulting from non-observance or compliance of the safety instructions.

Caution against moisture: Keep the device away from water and moisture.

Battery Installation: Incorrect installation of the battery can result in damage to the device. For more information about replacing and handling batteries, see page 4. **Do not leave batteries within reach of children or pets.** If swallowed, seek medical attention immediately.

In case of prolonged non-use, remove the battery from the device to prevent possible damage due to leakage.

Parts checklist



Please check you have received all items above before proceeding.

Battery replacement

To replace the battery, open the battery compartment cover and insert the battery according to the correct polarity. **Use only 3-Volt coin cells of type CR 2032.**

Slide it forward from the side of the housing into the holder and press it into place, then replace the cover, turning it clockwise to tighten.



The battery can be easily removed by using a small screwdriver or similar.

Disposal of used batteries

Disposal of used batteries: Used batteries must not be disposed of with normal residual waste. They are considered hazardous waste and must, therefore, be disposed of in an environmentally friendly manner. Used batteries can be returned free of charge at many wholesale and retail locations. Do not throw batteries into the fire; there is a danger of explosion. Keep batteries away from children and pets. The included batteries are not rechargeable.

Maintenance & Cleaning

Apart from replacing the batteries if they run out, the foot and shoe-measuring device is maintenance-free. Use only a soft, damp cloth for external cleaning of the device. Never use abrasives or solvents.

Customer Service & Warranty

We grant 24 months legal warranty for the foot and shoe measuring device.

Our **customer service** team is happy to help you with any queries you may have.

You can reach our customer service team via the contact form at **www.clevermess.de**.

Or via:

Tel: +49 (0)8423 9869690

Email: service@clevermess.de

Tips for measurement

When measuring the foot, the child should **wear socks** (as they would do so normally in the shoe).

For foot measurement, the child must **stand up straight, with their foot on the meter**. Please do not measure the feet while the child is sitting down.

Always measure both feet, i.e. **right and left** foot, and compare them with the corresponding shoes.

The last **width measurement result** from the foot remains **stored in the device**. You can **call up the data** by simultaneously pressing the front measuring tongue in when switching on. If the length is set correctly, you can start the shoe measurement directly.

Do not rely on the size information on shoes and shoe boxes. The scale on the measuring device corresponds to the standardized size specifications of WMS. However, since each shoe is different, you can only see whether the shoe really fits by comparing it with the others.

Shoes that bend upwards at the front should be pressed down slightly so that the sole is straight (best placed on the ground).

With just a few steps, you can easily measure your child's feet and shoes to get a reliable and comfortable fit.

1. Measure the foot in length and width
2. Insert the device into the shoe
3. Read the result and compare the other shoes if necessary

After a foot measurement, you can compare any number of shoes with the measured data.

The following illustrated instructions will guide you through the individual steps in detail. **Please familiarize yourself with these steps before using the device for the first time.**

Additionally, on our website www.clevermess.de, you will find a short practical video demonstration for the Clevermess measuring device:

1. Preparing the measuring device



For shoe size over 31, first attach the extension to the rear end of the device. (Lower picture).

Switch on the unit by pressing the **red button** at the front. A beep will sound and the display appears.

Place child's toe and heel stop on the device.



You can attach a cord to the opening in the back of the case. This makes it easier to pull it out of the shoe, especially for small shoe sizes.

2. Measuring feet

Pull the device apart to the approximate foot length of the child by simultaneously pressing the side buttons.



Place the child's foot on the device and adjust until the **front and back stop exactly against the child's foot** (The front of the device should lie against the longest toe). The measuring device should always lie on the floor while measuring.



Fit the width clamp together and insert it over the foot into the side recesses on the side wings.



To **measure the foot width**, press the width clamps together to the side of the child's foot, and then additionally press in the front measuring tongue until you hear two beeps. The foot width is now saved.



If the foot is wider than 80 mm, press **only** the front measuring tongue in until you can hear the two tones.



The last measured width value is stored in the device. To call it up, **press the front measuring tongue fully in and switch on the instrument at the same time**. You can then carry out the shoe measurement directly (Attention: Check length adjustment.)

3. Measuring shoes

The display flashes - the device is now ready for the in-shoe measurement. **Remove the heel and toe stop and width clamp, and insert the measuring device into the shoe** (see also tips below). Please make sure that the device is in contact with the inside heel of the shoe.



The inside shoe measurement is carried out automatically while the measuring device sits inside the shoe for at least 6 seconds.

TIPS:

For better insertion into the shoe, open it as far as possible. When inserting, squeeze the side sensors together.

Slide the device into the shoe on the grey housing. With the help of the shoehorn, you can position the device more easily.



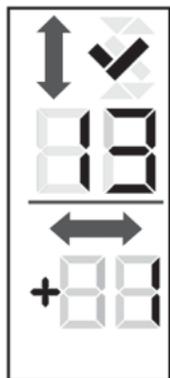
After three beeps, the measurement is complete. Remove the meter from the shoe and read the result on the display. **The result is displayed for 40 seconds**, and then you will hear five short beeps to signify the end of the measuring process and the display flashes again. Now you can make another measurement by inserting the meter into another shoe.



For structural reasons, the width measurement is limited to max. 80 mm foot/shoe width. However, you can use your measuring instrument up to size 41 for length comparison.

If no result is displayed during the shoe measurement (or no signal tone appears in the shoe after approx. 10 seconds), then the shoe is usually excessively large. The measuring device could not determine any comparative values because the sensors did not touch the inner shoe.

4. Reading results on the display



Length measurement

Measurement of the difference between foot and shoe length (mm)

Width measurement

Measurement of the difference between foot and shoe width (mm)



The lower display shows the remaining space in width(mm).

The meter shows you both + and – values. The value shows the difference between the foot and the shoe. At minus values the shoe is too narrow, at plus values the shoe is wider than the foot width.



The shoe should fit well, and should never be too tight or offer more than 3 mm space. Besides the width, a good fit over the instep is essential. Stroke your finger over the instep. The shoe fits if your finger fits well in there.

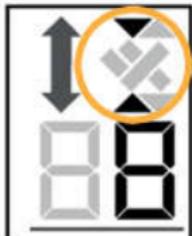
To retrieve the last width measurement result, press the front measuring tongue fully in when the device is switched off and hold it down. Switch on the device at the same time. The display briefly shows you the last measured width in the lower part. You can go straight to the insole measurement (if the length is set correctly).

The upper display shows the remaining space in length. Four different symbols indicate how the shoe fits.



12- 16mm space

The shoe fits perfectly



6- 12mm space

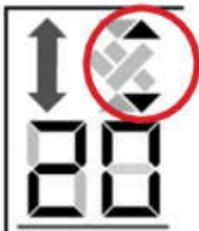
The shoe is slightly too small

Consider changing

IMPORTANT: check frequently!

Attention!

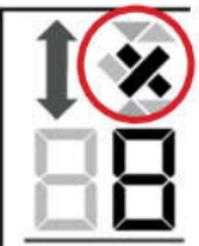
In these cases, the shoes should not be worn:



More than 16mm space

The shoe is too big

Oversized shoes, do not wear



Below 6 mm space

The shoe is too small

Additional warning tone! Change shoes as soon as possible



Switch off the unit after use. To do this, press the red button at the front. The device will beep twice.

After 10 minutes of inactivity, the meter turns off automatically to save battery life.

With your Clevermess measuring device you can reliably measure and check the fit of children's shoes.

On the following pages, we have compiled frequently asked questions and tips for application.

Further information, help videos and tips can also be found on the Internet on our website

www.clevermess.de

Questions & Answers

What sizes can I use the meter for?

The meter works from size 21, up to size 41 with the extension.

What do I do if I accidentally measured the wrong width?

You can easily undo your steps by turning the meter off and on again. Then simply start again from the beginning.

The device does not turn on.

If the battery is dead, please replace it as described in the manual. Be careful not to slide the front contacts in the battery compartment under the battery (therefore insert from rear to front). If replacing the battery does not help, please contact our customer service team.

How do I replace the battery?

See page 4 for detailed instructions on how to change the battery.

Can I buy shoes without my child now?

Choosing the right pair of shoes for your child is key. With the Clevermess measuring device, you can measure the child's foot at home and then compare the shoes accurately in the shoe shop later.

However, you should keep in mind that it is important to measure both feet. Furthermore, the new shoes should please the child and be comfortable. Materials, firmness of the shoe etc. play just as important a role as the appearance and size.

I've lost some parts to the device? Can you help?

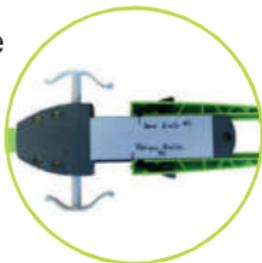
Of course, we have spare parts available for re-purchase and you can obtain these by contacting our customer service team.

Can I use the meter as an adult?

The device is designed for measuring children's feet and shoes. Overloading due to excessive weight can permanently damage the device or the electronics, so we advise against its use by adults. Damage caused by overloading will not be covered by warranty.

How should I use the foot measurement device across several children?

The measurement of each child can be marked with a small label on the bottom. To do this, affix a small label and mark the length setting with a line and note the width on it. This allows you to "retrieve" the foot values at a later point in time without having to measure again.



Where is the Clevermess measuring device made?

The orthopaedic foot and shoe-measuring device is made in Germany.

Want to know more?

Visit our website at www.clevermess.de where we have a wealth of information, numerous helpful videos and of course many tips to help you get the right shoes for your child's feet.

A strong team for 100% protection

Use the proven WMS system for every new purchase of shoes in a specialist shop.

The specialist staff will help you to select the right shoes for your child based on the measurement result.

After the purchase, it is essential to check regularly at home whether the shoe still fits the child. Cleverness offers you valuable support for this.

Only suitable shoes can support a healthy foot development.

Therefore, make sure you regularly check your child's shoes.



Fits naturally.

Further information about children's feet

- ① In the **new shoe** there must be 12 – 15 mm space so that there is room for unwinding and growth.
- ① In **used shoes** space must not be less than 6 mm, otherwise, the foot cannot roll off correctly.
- ① Children's feet grow an average of 1 – 1.5 mm per month – but since this does not happen evenly, **regular measuring** (approx. every 4 weeks) is important!
- ① The **nervous system** in a child's foot is not yet fully mature, so children often do not feel the shoe pinching. This is also one reason why children sometimes swap left and right shoes...

Our feet will carry us for our whole lives - So we should take good care of them right from the start!



With a **thumb pressure** on the toe, children often pull their toes in like a reflex, so that they may feel a free space that is not even there



Shoes that are too tight constrict the feet, which in the end can lead to deformations of the feet



Shoes that are too big do not provide any support; the foot slips forward when running and is compressed there

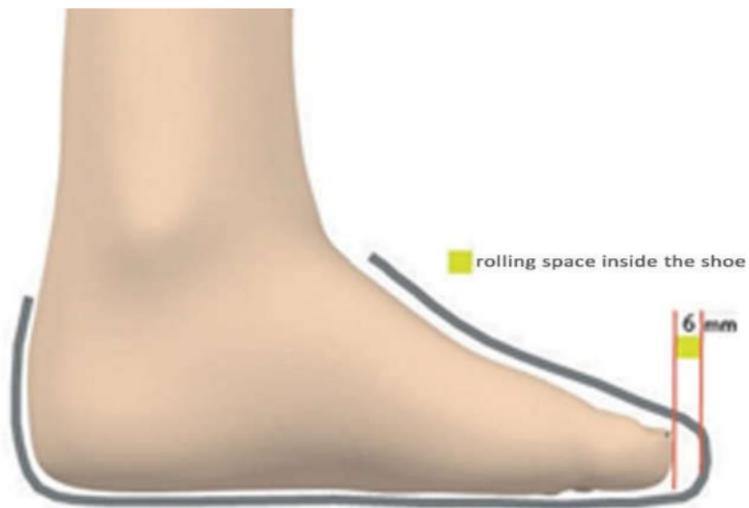
Why 12 mm?

When we run, muscles and tendons are stretched in the arch of the foot, making the foot longer. The so-called **unwinding space is approx. 6 mm**. This space is needed in the shoe to allow the foot to roll naturally.

Since children's feet are still growing, a growth space of another 6 mm should be considered when buying shoes. This way you can be sure that the shoes will usually fit for a few months.

The foot can now grow into the growth space. However, if there is less than 6 mm space in the shoe, it can no longer unroll, which can lead to damage to the foot.

The Clevermess measuring device helps you to always keep an eye on whether the shoe still fits and when a change in footwear is due.



Please always bear in mind: children's feet sometimes grow in quickly within short periods of time, so it is not always predictable when new shoes will be needed.

We are here for you!

Questions, suggestions or requests? Talk to us – we'd love to hear from you!

Clevermess GmbH

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You will find your **contacts for other countries** on our homepage!

Spare parts are available directly from us.



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