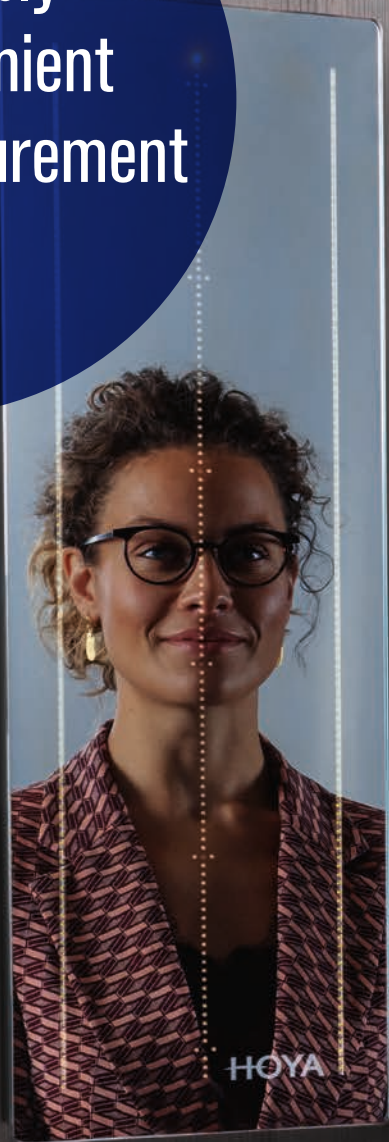


A simply  
convenient  
measurement  
tool



HOYA

**VISUREAL** MASTER

The visuReal Master centring system –  
the perfect blend of aesthetics and precision



Lens centring is a crucial part of buying new glasses. As it optimises the customer's vision, it needs to be done precisely and reliably. But centring can be an irritating process for your customers. They have to put on their chosen frame again, endure the centring device and, in some cases, undergo a manual check. Is this still necessary today? It is not.

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### Precise measurements taken completely automatically

The innovative visuReal Master centring system consists of a hardware and a software component. It uses a ground-breaking six-camera set-up that automatically takes multiple photographs of your customers as a basis for determining all relevant centring data with complete precision. Users can start the recording and measurement process and

view the results on a PC or notebook (any operating system), tablet PC (iOS or Android) or smartphone. The software is user-friendly and fast. It provides optimal support by evaluating the data completely automatically. The results can then be checked and, if necessary, corrected.

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### A truly customer-friendly measurement system.

Your customers will perceive the visuReal master as a mirror in which they see themselves. The complex technology inside is completely obscured by the attractively designed mirror case. Customers with severe visual impairments will be guided by

light signals. You do not require any additional measurement tools nor lateral photographs. As your customers view themselves in the mirror, they automatically assume a natural posture.

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### Flexible installation – integrated harmoniously into your interior design

Thanks to its extremely flat mirror case, the centring system can be integrated seamlessly into any shop. The visuReal Master blends naturally and harmoniously into your interior design. Customers

will simply see a mirror, a completely normal feature of any optician's shop. How you integrate the device into your shop is entirely up to you.



## Three simple steps to absolute precision

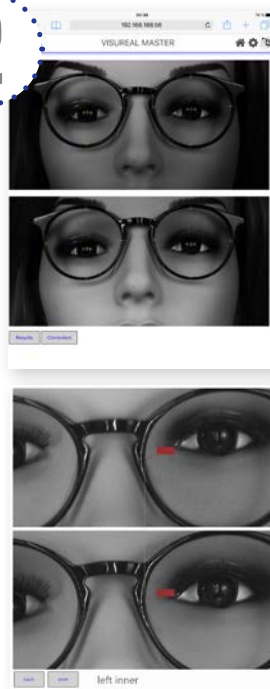
1



### Capture an image

- Your customer stands in front of the mirror at approximately an arm's distance, wearing the previously adjusted frame.
- No additional centring tools are necessary.
- You enter the customer number and press 'Start'.
- The mirror captures the person and automatically determines which two (out of six) cameras to use for the centring process.
- As soon as the release button is activated, you can start the centring process.
- The system will take a frontal image using two identical stereo images.

2



### Checking the result

- After a few seconds, you will see the two combined stereo measurement images. You can now carry out a 3D evaluation.
- Check the centring marks and correct them if necessary:
  - tap the crosses you wish to change, then click 'Correct'.
  - You can now move the flag symbols with your mouse or your finger, depending on the device you are using. The images are connected to each other. When you move the cursors in one image, the same cursors automatically move in the other.
- Click [next] to continue

3



### Evaluation

You can now see the result with the calculated centring data:

- Box dimensions (A and B value)
- Distance between the lenses (LD)
- Face form angle (FFA)
- Pupillary distance (PD)
- Monocular pupillary distance (MPD)
- Corneal vertex distance (CVD)
- Pantoscopic tilt
- Fitting height

## Attractive, uncomplicated, reliable

Discover the innovative video centring system that blends seamlessly into your interior design and determines all necessary centring data precisely and automatically. Fast and comfortable – with a smart measurement set-up.



The perfect  
blend of  
aesthetics and  
precision



## Your benefits at a glance

### Your customers

- have a relaxing experience in your shop.
- automatically assume a natural posture.
- are supported by a light signal if they suffer from impaired vision.
- do not need to endure additional tools such as centring devices.



For more information visit [Hoyavision.com](https://www.hoyavision.com)  
or contact your sales representative.