

# iCROS

iCROS UNI

Microscope for Smartphones  
and Tablets

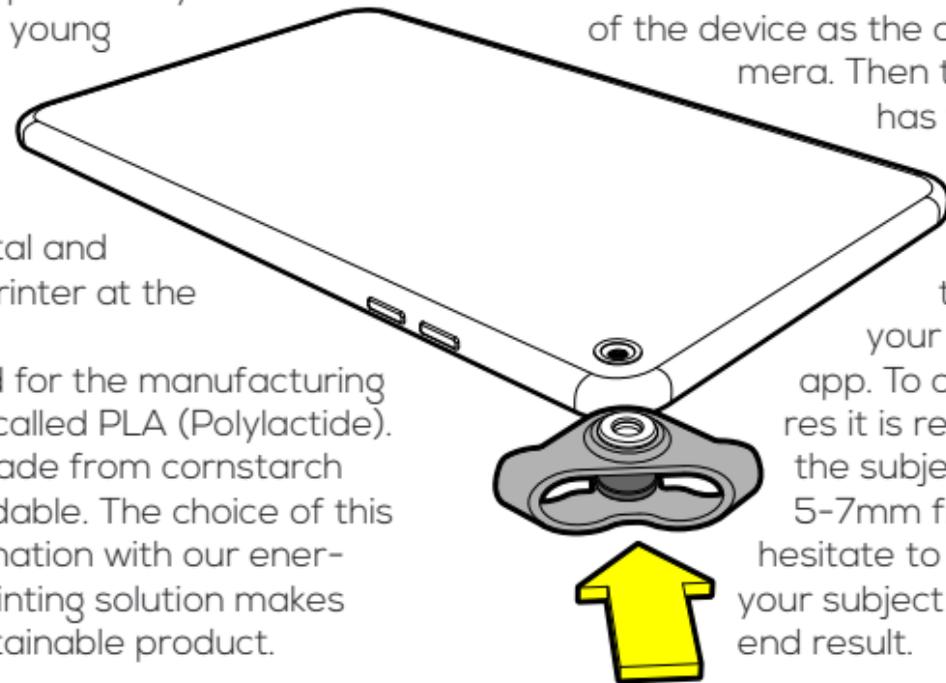
Quick Start Manual

## Congratulations on purchasing the new iCROS!

Thank you for choosing our new product. With this purchase you have supported a young and innovative Swiss company.

**iCROS is Swiss Made.** I was developed in Liestal and printed on a 3D printer at the Designerei GmbH. The material used for the manufacturing of this product is called PLA (Polylactide). This material is made from cornstarch which is biodegradable. The choice of this material in combination with our energy-efficient 3D printing solution makes iCROS a very sustainable product.

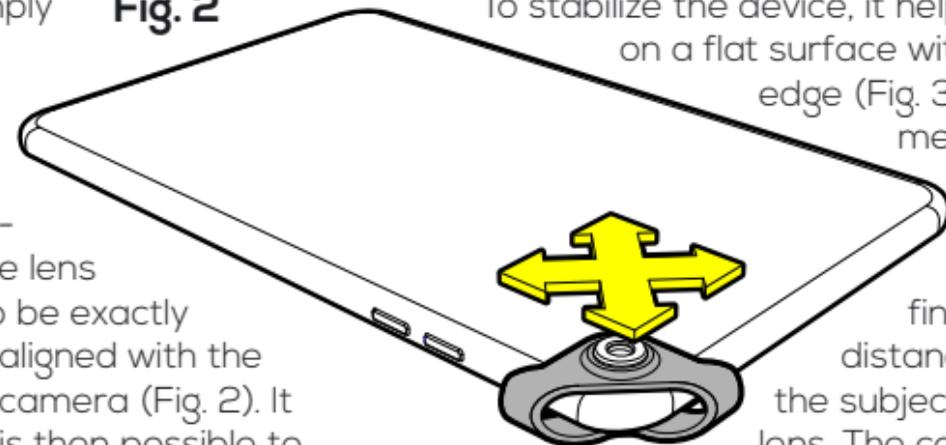
Fig. 1



Using iCROS is easy. Simply slide it on the matching smartphone or tablet (Fig. 1), making sure the lens is on the same side of the device as the camera. Then the lens

has to be exactly aligned with the camera (Fig. 2). It is then possible to take pictures with your preferred camera app. To capture sharp pictures it is recommended to hold the subject at a distance of 5-7mm from the lens. Don't hesitate to go really close to your subject to obtain the best end result.

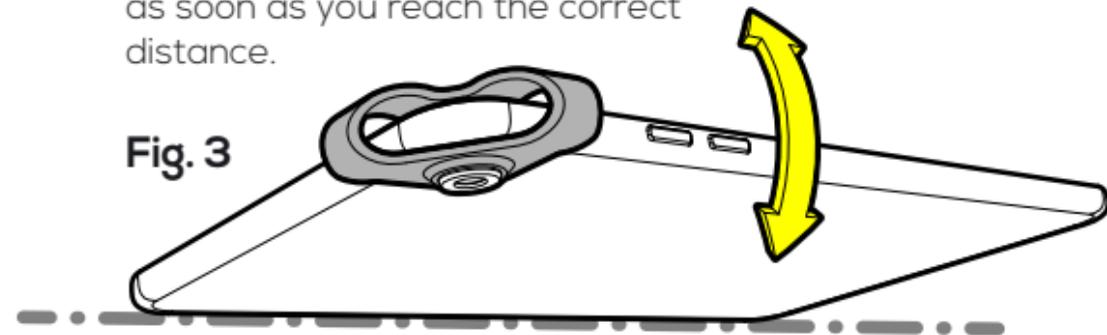
Fig. 2



To stabilize the device, it helps if it is set on a flat surface with its long edge (Fig. 3). With this method it is

easy to incline the phone and fine-tune the distance between the subject and the lens. The camera autofocus automatically adapts the sharpness as soon as you reach the correct distance.

Fig. 3



We hope you enjoy using your new iCROS microscope, and have fun making plenty of new and exciting discoveries.

Sebastian Pfirter  
Designerei GmbH

iCROS

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DESIGNEREI

**Please protect iCROS** from heat. PLA is a thermoplastic material (which means it can only withstand a limited amount of heat before melting).

For this reason, do not let iCROS exceed temperatures of 55°C. Do not leave iCROS in direct sunlight for an extended period of time (e.g. do not leave it on the dashboard of a car) or other hot environments (i.e. dishwasher, hot water).

Ordinary use of the product on hot, sunny days has been tested and will not damage the device.

Treat your iCROS as you would your smartphone or tablet.

Protect iCROS from dust (e.g. put it back in its original packaging when not used). Clean the lens only with oil free compressed air or with a microfiber cloth used to clean your glasses while applying very little pressure.

Remove any protection case from your phone or tablet before using iCROS. It only works without a protection case or without a backside protection film.

**3D Printing** is a technology which doesn't exclude irregularities of its finished surfaces. For that reason irregularities of surfaces are not considered as defects for the end product.

**The warranty** only covers damages due to manufacturing defect.

**Replacement parts** are available on demand. Please send us your request with a precise description of your problem and your address to:  
spareparts@icros.ch

#### **Technical specifications**

##### **iCROS UNI:**

Magnification: 150x  
Weight: ~ 4g  
Material: PLA 3D printed  
LENS: PMMA (plexiglas)  
Dimensions:  
50.5 x 20 x 17.5mm

##### **iCROS for iPhone 4 / 4s**

Dimensions: 62 x 23 x 14.8mm

##### **iCROS for iPhone 5 / 5s / SE**

Dimensions: 62 x 21.5 x 12.6mm

##### **iCROS for iPhone 5c**

Dimensions: 63 x 23 x 13.5mm

##### **iCROS for iPhone 6 / 6s**

Dimensions: 71.5 x 21.5 x 11.8mm

##### **iCROS for iPhone 6 Plus / 6s Plus**

Dimensions: 82 x 21.5 x 11.5mm

##### **iCROS for iPhone 7**

Dimensions: 71 x 23.5 x 11.6mm

##### **iCROS for iPhone 7 Plus**

Dimensions: 82 x 24 x 11.6mm

##### **iCROS for Samsung Galaxy S5**

Dimensions: 76 x 29 x 14.3mm

##### **iCROS for Samsung Galaxy S6**

Dimensions: 74.2 x 35.2 x 12.6mm