



SCHNIER



Flock-o-Skop

MICROSCOPE FOR QUALITY ASSURANCE

Part. N°: 810487

OPERATING MANUAL

Contents

| | |
|---|-----------|
| 1. Product and manufacturer | 3 |
| 1.1. Product description | 3 |
| 1.2. Specifications | 3 |
| 1.3. Product identification | 3 |
| 1.4. Warranty | 4 |
| 1.5. Manufacturer | 4 |
| 2. Guide to these operating instructions | 4 |
| 3. Intended use | 4 |
| 3.1. Further notes on hazard prevention | 4 |
| 4. Structure and overview | 6 |
| 4.1. Overview | 6 |
| 5. Functional description | 8 |
| 5.1. Function | 8 |
| 5.2. Start up | 8 |
| 5.3. Function keys | 10 |
| 6. Declaration of conformity | 10 |

1. Product and manufacturer

1.1. Product description

MICROSCOPE FOR QUALITY ASSURANCE

Precise and mobile

Checking and documenting the quality of your flock fibers

Digital microscope with 7 inch monitor and dimmable LED illumination.

Simply spread flock fibers on the included Support-Card and focus.

This allows you to determine the shape, color and length of the flock fibers very accurately.

For your documentation you can even save everything on a memory card (not included).

1.2. Specifications

| | |
|------------------|--|
| Input voltage | 230 V |
| Size monitor | 7 inches |
| Magnification | Up to 270x |
| Video format | MP4 |
| Video resolution | UHD 2880x2160 24 FPS; FHD 1920x1080 60 FPS; HD 1280x720 120 FPS |
| Photo format | JPG |
| Photo resolution | Max. 24M 5600x4200 |
| Storage | Micro SD card up to 32GB (not included) |
| Size | approx. 350x220x180mm |
| Weight | approx. 1,2 kg |

1.3. Product identification

These operating instructions are part of the device:

| | |
|----------|--------------------|
| Product: | Digital microscope |
| Type: | Flock-o-Skop |
| Part No: | 810487 |

1.4. Warranty

The warranty is 24 months after delivery.

Any kind of warranty expires if the device has been opened, modified, parts have been replaced with non-original parts or these operating instructions have not been observed.

1.5. Manufacturer

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Managing Director: Olav Schnier

2. Guide to these operating instructions

These operating instructions must be read, understood and observed in all points by all persons who are responsible for the equipment. Only with knowledge of these operating instructions can errors be avoided and safe and trouble-free operation be ensured. SCHNIER Elektrostatik GmbH does not accept any liability for damage resulting from non-observance of these operating instructions!

3. Intended use

This instrument is intended for use only as a microscope for checking your flock fibers.



ATTENTION!

Any commissioning outside this provision is prohibited.

3.1. Further notes on hazard prevention


Danger:

Direct contact

Hazard description:

When troubleshooting the open device, contact with electricity may occur

Damages / modifications:

| | |
|---|---|
|  | No structural modifications of any kind may be made to this device. |
|---|---|

General:

- Deviation from the conditions for the above-mentioned intended use is not permitted.
- Not a toy. Keep away from children.
- Store in a dry place, protect from moisture.
- Deviation from the conditions for the above-mentioned intended use is not permitted.

4. Structure and overview

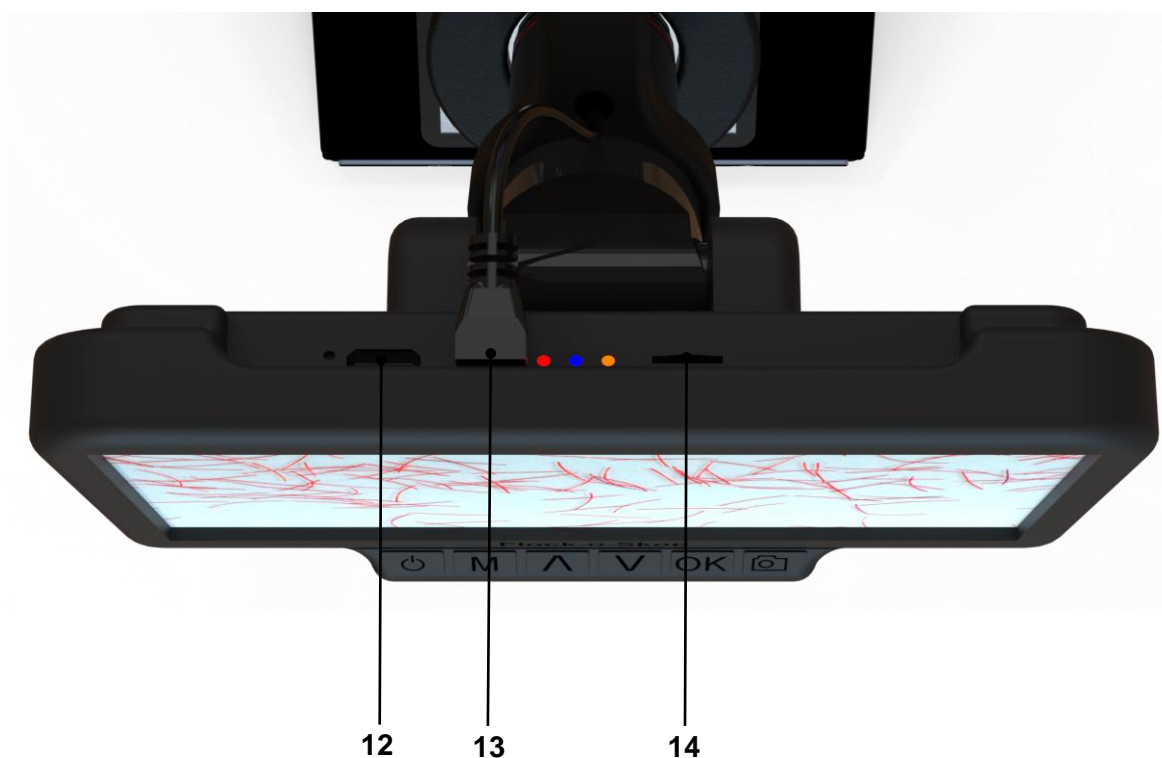
4.1. Overview



- 1 On/Off
- 2 Dimming controller for LED lighting
- 3 Slide for flock fibers (Support-Card)
- 4 LED lighting
- 5 Objective
- 6 Display



- 7 Mode/Menu
- 8 Up
- 9 Down
- 10 Ok/ Start video recording
- 11 Camera



- 12 HDMI port
- 13 USB port
- 14 Micro SD Slot

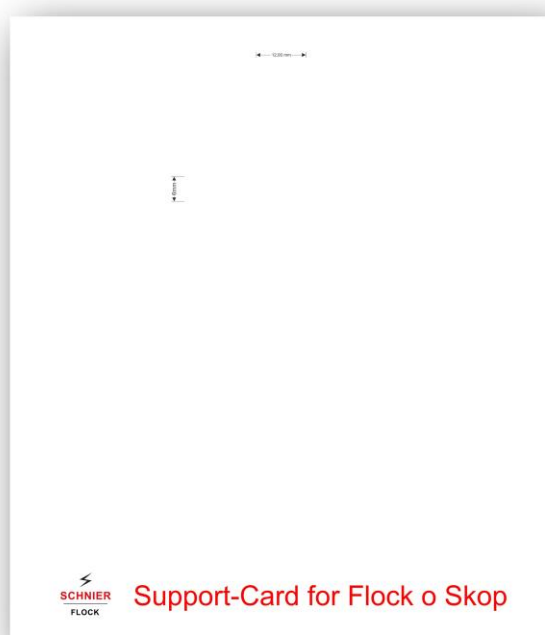
5. Functional description

5.1. Function

The Flock-o-Skop is a device to examine flock fibers in more detail. It helps you with your quality assurance and its documentation.

5.2. Start up

- Connect the power cord to the device and a power outlet.
- Switch on the Flock-o-Skop by pressing the on/off switch [1]
- Regulate the light intensity of the LED ring [4] with the dimming control
- Position the Support Card [3] on the object stage of the Flock-o-Skop until the 12 mm mark is visible in the center of the screen.
- Now perform a calibration by aligning the mark exactly in the center of the screen using the Up/Down keys.
- Now put a small amount of flock fibers on the Support Card [3] and focus the image with the lens by turning it.
- You can now see the shape, color and length of the flock fibers and use the included Measuring-Card to determine the size of the fibers on the screen by placing the scale against a fiber.



5.3. Function keys

Mode/Menu [7]:

- Press once briefly to go from "Video" mode to "Camera" mode.
- Pressing it again will take you to the captured images.
- Use the Up/Down buttons to scroll through the recordings

Up-/Down [8] and [9]:

- Use the Up/Down buttons to scroll through the recordings

OK-Button [10]:

- Press the OK button to start and stop video recording in video mode.
- In the "recordings" mode, start and stop a video recording

Camera-Button [11]:

- Press this button to take a photo. It does not matter whether you are in video or photo mode

6. Declaration of conformity

Manufacturer: SCHNIER Elektrostatik GmbH
Bayernstrasse 13
D-72768 Reutlingen

Product: Flock-o-Skop
Typ Digital Microscope
SCHNIER Part No: Flock-o-Skop Part No 810487
Trade Name: Flock-o-Skop

Rommelsbach 11.05.2022



Olav Schnier (Managing Director)