

FastGene[®] FAS-Nano

Catalogue Number GP06-LED



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1. Safety Information

Please read carefully the following notes to be able to properly use the FastGene® FAS-Nano Gel Documentation.

- ▲ Please wear the appropriate personal protective equipment.
- ▲ Using FastGene® Blue/Green LED instrument will normally not injure eyes, skins, and samples. However, prolonged exposure of human naked eyes with light irradiation in the blue spectrum may increase the probability of suffering from retina diseases. Therefore, we recommend using the amber shield included in the box, when handling the illuminator while the dark box is not attached.

2. Contact Details

Please contact us for additional information: info@nippongenetics.eu

Please contact our support: support@nippongenetics.eu

NIPPON Genetics EUROPE GmbH

Binsfelder Strasse 77
52351 Dueren
Germany
Fon: +49 2421 55 496 0
Fax: +49 2421 55 496 11

3. WARRANTY

The FastGene® FAS-Nano is warranted against defects in materials and workmanship for 1 year. In case of any defects occurring in the instrument or accessories during this warranty period, Nippon Genetics Europe will repair or replace the defective parts at its discretion without charge.

The following defects, however, are specifically excluded:

- Defects caused by improper operation.
- Repair or modification done by anyone other than Nippon Genetics Europe or an authorized agent.
- Damage caused by substituting alternative parts.
- Use of fittings or spare parts supplied by anyone other than Nippon Genetics Europe.
- Damage caused by accident or misuse.
- Damage caused by disaster.
- Corrosion caused by improper solvent or sample.

For any inquiry or request for repair service, contact Nippon Genetics Europe or your local distributor. Please send a message containing information about the model and serial number of your instrument.

4. REGULATORY NOTICE

IMPORTANT: This Nippon Genetics Europe instrument is designed and certified to meet safety standards and EMC regulations. Certified products are safe to use when operated in accordance with the instruction manual. This instrument must not be modified or altered in any way. Alteration of this instrument will:

- Void the manufacturer's warranty
- Void the safety and EMC certification
- Create a potential safety hazard

Nippon Genetics Europe is not responsible for any injury or damage caused by the use of this instrument for purposes other than those for which it is intended, or by modifications of the instrument not performed by Nippon Genetics Europe or an authorized agent.

5. IMPORTANT NOTICE

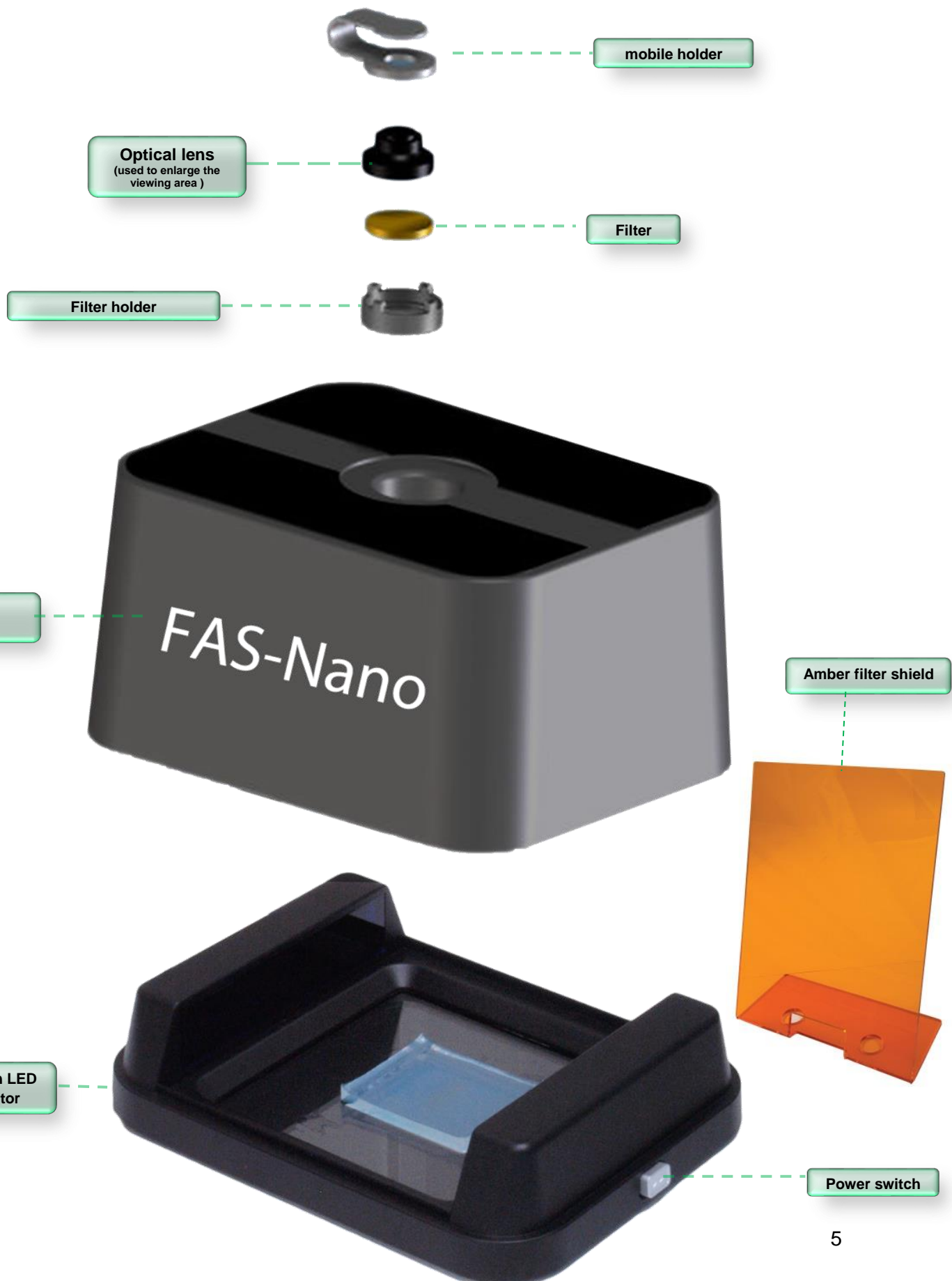
Please, read the installation instruction carefully before installing FastGene® FAS-Nano Gel Documentation. This instrument is intended for clinical and research laboratory use for DNA gel imaging and it must be operated only by specialized personnel aware of the potential risks associated with the chemical and biological agents normally used with this unit. This instrument is meant for use only by specialized personnel that know the health risks associated with blue light radiation and with reagents that are normally used with this instrument. Please use the amber shield for your own protection!

6. Specification

Size (L x W x H)	216 x 168 x 128 mm
Weight	1,1 kg
Imaging area	100 x 100 mm
Wave length of LEDs	480 - 530 nm
Energy supply	12 V/ 1,25 A AC-Full-Range Power supply
Accessory	FastGene® Nano Amber Shield



7. Nomenclature



8. Operating the FastGene® FAS-Nano

a. Cutting out bands with the FastGene® FAS-Nano

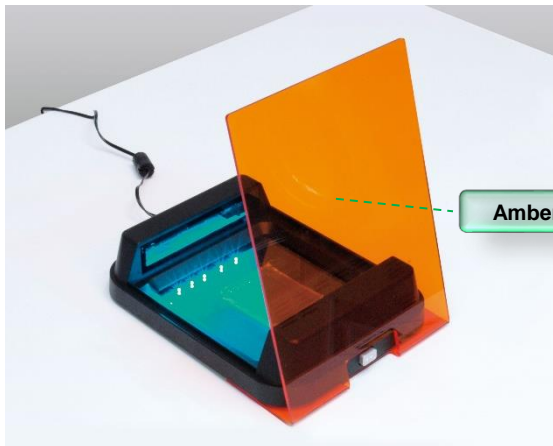
1. Remove the dark box



2. Position the gel in the imaging area

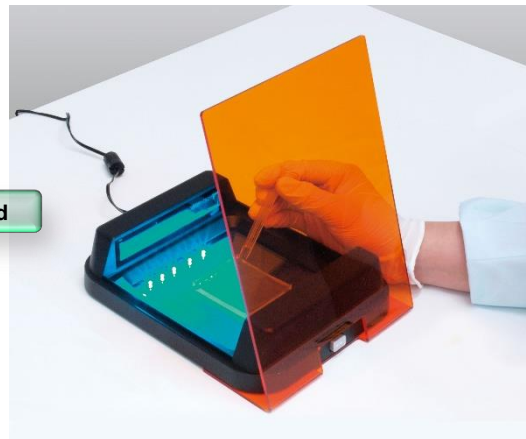


3. Attach the amber shield and switch the LEDs on



Amber shield

4. Excise the bands of interest



Note: If necessary, brightness of the LEDs can be adjusted by pressing the power button (3 intensities available)



Power button

b. Taking an image with the FastGene® FAS-Nano

1. Attach the filter to the filter holder



2. Screw the lens to the mobile holder



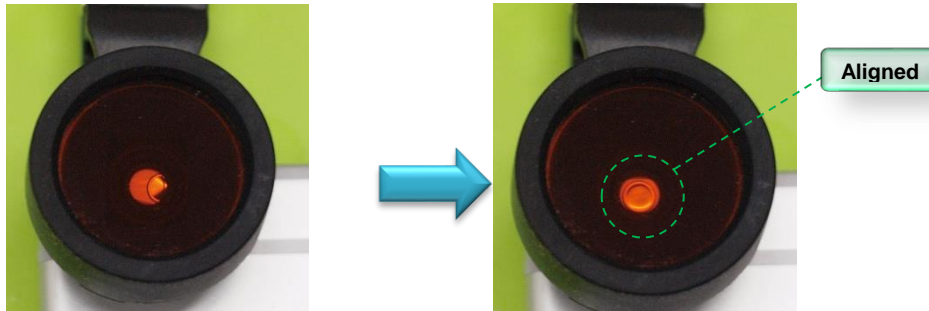
3. Attach the filter with the holder to the lens



4. Attach the filter lens to a mobile device



5. Align the mobile camera with the lens



6. Attach the camera to the dark box and take an image using your normal foto app



