Trans-Illuminators

BG LED Illuminators

GP06LED	***FG-08***	***FG-09***	***FG-11***
Blue/Green LED	Blue/Green LED	Blue/Green LED	Blue/Green LED
Green and red dyes	Green and red dyes	Green and red dyes	Green and red dyes
10 cm x 10 cm	20 cm x 16 cm	21 cm x 26 cm	n.a.
Amber shield(~520 nm)	Amber goggles (~520 nm)	Amber goggles (~520 nm)	Amber filter (~520 nm)
AC adapter, 12 V / 1,25 A	AC adapter, 24 V / 1 A	AC adapter, 2 A	AC adapter, 24 V / 1 A
21.6 x 16.8 x 12.8 cm	19.8 x 22.7 x 25.4 cm	33.0 x 32.0 x 13.0 cm	19 x 3.9 x 2.5 cm
1.2 kg	2.9 kg	6.3 kg	0.17 kg

FastGene® Blue/Green LED Transilluminator

The FastGene® Blue/Green LED Transilluminator was the first illuminator equipped with our unique LEDs. It has a standard working area (20 x 16 cm) and is compatible with the FastGene® amber shield (FG-DGOF2).
The FastGene® Blue/Green LED Transilluminator was also implemented in many Gel Documentation Systems upgrading an old, DNA-damaging UV-light transilluminator with a new DNA-safe light source.

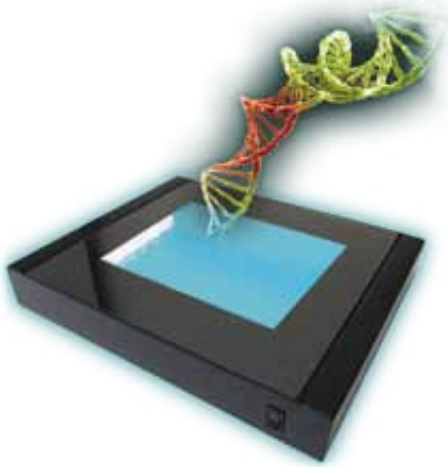

Fig.1: The FastGene® Blue/Green LED Transilluminator

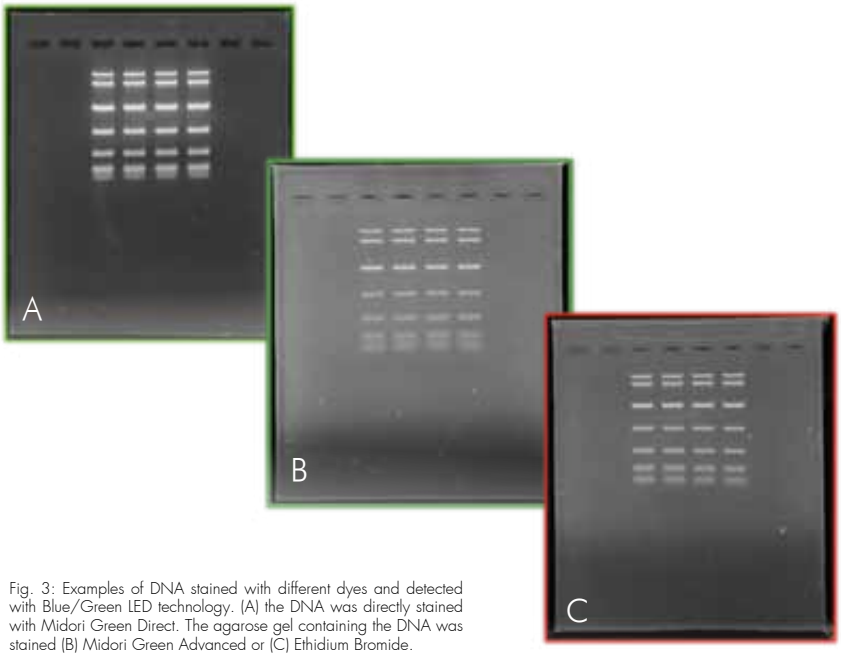

Fig. 3: Examples of DNA stained with different dyes and detected with Blue/Green LED technology. (A) the DNA was directly stained with Midori Green Direct. The agarose gel containing the DNA was stained (B) Midori Green Advanced or (C) Ethidium Bromide.

Fig.2: The FastGene® Blue/Green LED Transilluminator combined with an amber filter goggle enable an easy removal of bands from agarose gels

Fig.4: The FastGene® Blue/Green LED Transilluminator combined with an amber filter shield (FG-DGOF2).

Specification

Product	*Blue/Green Transilluminator*
Size	270 x 340 x 50 mm
Working area	200 x 160 mm
Weight	2,9 kg
LED Wave lenght	480-530 nm
Filter	Amber Goggles
LED position	aside, below working area

Ordering Information

Cat. No.	*Product*
FG-08	FastGene® Blue/Green LED Transilluminator
FG-DGOF2	FastGene® Amber Shield