

# GEL DOCUMENTATION SYSTEM

IG-218GD



**IGENE LABSERVE**

Innovative • Interactive • Intuitive

# FEATURES & SPECIFICATIONS

## DESCRIPTION

This entry level system can be used with UV, blue or visible light transilluminators. These flexible lighting options make the Basic system suitable for imaging a wide range of samples.

- High resolution digital camera for high quality images with precise band separation
- Full PC interface enables control of camera with real time imaging
- Programmable capture settings

## Technical Specifications

<b>Model No</b>	<b>IG-218GD</b>
Camera	18 Megapixels/DSLR With Camera CMOS Sensor
Image viewing area	20x24.5 cm
Transmission Wavelength	302nm (Optional 365, 254nm)
Software	1D Analysis software



# 1D Analysis Software

## ❖ Analyse gel images from any source

Use your digital camera, smartphone, or gel doc system to obtain images. Our Software will take care of the rest.

## ❖ Automatic lane and band detection

With full manual control over adding, modifying, and deleting lanes and bands.

## ❖ Fix run distortions through Recalibration.

Define any number of absolute Rf curves on the image to correct run distortions.

## ❖ Define and subtract profile background.

Use the built in automatic methods or define background manually.

## ❖ Quantity and molecular weight calibration.

Use the built-in parametric curve fitting method to calibrate based on band volume and Rf.

## ❖ All major operating systems supported.

Runs on Windows, Linux, and MacOS.

