

# BTU-6 Black-box type UV Analyzer

Gel instruments

## Introduction

Black-box type UV analyzer can send out long and short wave uv light with high UV intensity ,good stability and easy operation. It's reliable and popular among customers. Mainly used in scientific research, production and other fields. Use widely available in biochemistry, medicine, samples of DNA, RNA electrophoresis gel observation analysis, detection of protein, nucleotide, etc.

## Features

1. Equipment can be installed with digital camera to shoot and take photos.
2. 302nm wavelength has small less damage to the sample with high sensitivity.
3. Fully enclosed with high quality metal black-box. No need to operate in darkroom. Convenient to use, simple to operate.
4. Drawer type objective table is convenient to take samples. Left and right sides of the opening door is convenient for visual operation.
5. The transmission ultraviolet light source adopts 302nm ultraviolet light source, which is closely arranged and equipped with fluorescent light source. There are also two wavelengths of 254nm/365nm, or a combination of which can be selected to match the gel observation of different dyes. Users can choose UV lamps with different wavelengths according to the experimental needs.

## Parameters

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Model                    | BTU-6                                                            |
| Transmission Wavelength  | 302nm,254nm,365nm optional.<br>(standard configuration is 302nm) |
| Transmission Filter Size | 200x150mm                                                        |
| Observation Window Size  | 140x60mm                                                         |
| Camera lens aperture     | 54mm                                                             |
| Voltage                  | AC 220V, 50Hz                                                    |
| Fuse                     | 250V 3A                                                          |
| Power                    | 8Wx6                                                             |
| Dimension                | W.350xD.315xH.520mm                                              |
| Net Weight               | 13kgs                                                            |

## Application

It can be widely used in genetic engineering, molecular genetics, microbiology, biological products, animal husbandry and medicine and health, pharmaceutical drug research and verification. It is also applicable to epidemic prevention departments, food industry, textile, rubber oil prospecting industry, archaeological identification marks inspection, verification counterfeit fake tickets. Apply for fluorescence analysis and verification department. It's the necessary instrument to be engaged in the modern scientific research departments and inspection supervision department .

