BTU-6 Black-box type UV Analyzer

Gel instruments

Introduction

The BTU-6 Black-box Type UV Analyzer is designed to provide high-intensity long- and short-wave ultraviolet (UV) light, offering excellent stability and ease of operation.
It is a reliable instrument widely used in scientific research and industrial applications, particularly in biochemistry, medicine and DNA/RNA electrophoresis gel analysis. It is suitable for gel observation, sample analysis and the detection of proteins, nucleotides and other biological materials.

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. (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 .