

Checker light source for photon counter

M015

Light source for checking operation of photon counter

Introduction

This is stable light source optimized for checking the operation of photon counter.

Features

- Emit stable and low intensity light suitable for photon counting measurement.
- Selectable either High or Low amount of light
- Compact and lightweight driven by coin battery

Application

- Check proper operation of low light detector module

Specification

Item	Specification
Emitter devise	Blue LED
Peak emission wavelength	465nm
Dominant emission wavelength	472±10nm
Spectrum width (FWHM)	20nm
Emission intensity	LOW: 1.0×10^5 [cps] (±10%) HIGH: 4.0×10^6 [cps] (±10%)
Battery specification	LR44
Operating temperature/humidity	0°C~+50°C/below 85%
Storage temperature/humidity	-20°C~+60°C/below 85%
Main unit dimension	42mm(W)×68mm(H)×26mm(D)
Weight	Approx. 15g



External appearance (front)



External appearance (back)

External dimension

