

Product Code . EDS-AANP-10622

Planck's Constant Apparatus



Description

Jainco Export Inside the unit are a caesium antimony cathode, a D/C power supply with a potentiometer to provide a variable retarding voltage to the photoelectric circuit and a digital display showing the retarding voltage. 6 Different coloured lenses are provided to vary the value of ' f '. A 4mm to lead is included for connecting the picoammeter to the apparatus.

The planck's constant apparatus functions as a ready-built circuit for the measurement of the photoelectric effect.

Ideally used in conjunction with the Jainco Export Picoammeter.

Specifications:

Photocell: caesium antimony cathode (spectral response range 185-650nm)

Power source: 9V PP3 battery Dimensions: 205 x 150 x 115mm (W x H x D)

DC Stopping potential controlled by 10-turn potentiometer DC voltmeter with 0-19.99V LED display
Filters: 6 narrow-band (FWHM bandwidth: 4-15nm), with wavelengths of 405nm, Female UHF socket for connection to picoammeter

