

Easy operation OD Monitor miniphoto 518R

Enables to measure the absorbance (turbidity) by just inserting Test tube and L-shaped test tube used cultivation and reaction. Wavelength can be changed with replacement of filter.

"Bioshaker BR series" --> P.018-032 Shaker "NR series" --> P.062-66 Seesaw shaking for L shaped test tube --> P.120/124/134



Insert of Test tube

Model	miniphoto 518R
Measurement range	Absorbance: 0.000 to 2.000A, Transmittance: 1-100%T
Measurement wavelength	660nm (*1)
Vessels	φ16.5 to 18mm Glass test tube or L-shaped test tube (*2)
Light source/Detector	High-Brightness LED, Photodiode
Display	Optical Density/Transmittance simultaneously, HOLD function.
Interface	Printer (Option)
Dimensions (W x D x H)	187 x 106 x 95mm
Weight	Approx. 880g
Power supply	AC100 to 240V
Standard accessories	1 x Glass filter (660nm), 1 x Light shielding cap (*3), 1 x AC adapter

(*1)Wavelength can be changed with replacement of the filter. See the below option for details. (*2)Test tube without scratches should be used. Ask us when a different diameter of Test tube required. (*3)It cannot be used with L shaped test tube. Aluminum foil or something can be substituted if light shielding required.

Option



Interference Filter

Printer

Product Name	Remarks
interference Filter	Band-pass filter approx. 10mm FWHM, 4 types R420/R530/R620/R660, Dedicated for miniphoto 518R.
L shaped test tube	φ18x120x70Hmm,10sets
Printer	Printer for miniphoto 518R, included with Connecting cable and Roll paper

Features

- For φ16.5 to 18mm Test tube and L-shaped test tube. Liquid volume 4mL
- Comes with 660nm Glass filter (Changes wavelength by replacement)
- Displays the value just inserting test tube. The display can be pinned with HOLD key.

Applications

- Measurement turbidity of Microbe culture fluid
- Absorbance measurement of Colorimetric samples
- Applications requiring measuring Absorbance/ Transmittance of sample



Measurement by inserting Test tube that has been used cultivation and reaction.



Minimum volume of the measurement is 4mL .

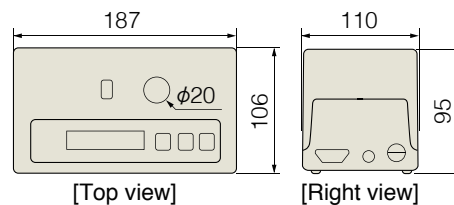
USER'S VOICE

Lightweight compact size and Easy Operation come in handy to me.



Light shielding cap (Standard ACC) and Printer (Option) in combination.

Dimensions



[Top view]

[Right view]