# Zuzi 4100 Series Spectrophotometers

## Code HJB001, HJB002 | Models 4101/4111RS

Practical and easy-to-use instruments for measurements in the visible region of the spectrum. They are particularly useful in laboratories in educational institutions; they are also used in laboratories in other sectors such as health care, industry, agriculture, environmental protection, etc.

- Compact and robust design.
- Manual wavelength selector.
- Both models offer two measurement modes: absorbance or transmittance. The 4111RS model also allows concentration values to be obtained by two methods: by taking a sample of known concentration as a reference or by entering the value of the F-factor (Abs = F x Concentration).
- The 4111RS model has an RS232 output for connection to a computer and application software based on the Windows operating system.
- Two glass cuvettes and a black cuvette for the auto zero (0% T) are included.
- Compatible with spectrophotometric glass tubes with 10 mm path length (see note).

HJB001

HJB002

| Model | 4101 | 4111RS |
|---|---|---|
| Code | HJB001 | HJB002 |
| Optical system | Single beam, 1200 lines/mm grating | |
| Wavelength range | 330-1000 nm | |
| Wavelength accuracy | ±2 nm | |
| Wavelength resolution | 1 nm | |
| Light source | Tungsten halogen lamp | |
| Bandwidth | 6 nm | |
| Detector | Silicon photodiode | |
| Photometric range | 0-1,999 A, 0-100% T | |
| Concentration | -- | 0-1999 C, 0-1999 F |
| Sample compartment | For 1 cuvette/tube with 10 mm path length | |
| Screen | LCD | |
| Interface | -- | RS232 port × 1 |
| Feeding | 100-240 VAC, 50/60 Hz | |
| Dimensions (LxWxH) | 320x280x120 mm | |
| Weight | 4.5 kg | |

Note: Glass tube ref. HJM001 is available. In order to use it please contact our Technical Service.



Note: the manufacturer reserves the right to modify the characteristics and photographs of the products.