

IR Spectrometer NIR-GR-1725

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Spectrometer NIR-GR-1725

The device operates in the range of 1700-2500 nm. The spectral resolution of the device is 9 nm, which is suitable for use in the analysis of agricultural products and soil. The input of this device is of fiber type, which has made it easy to use. The fiber used in this model is of three branches (Y), one branch of which is placed on the light source, the second branch on the spectrometer and the third branch as a probe on the sample to analyze the reflection spectrum of the sample by the device. The light source of the device is tungsten, which covers the range of 900-2500 nm. In order to record the reference data in reflectance spectroscopy, a number of reference reflector tablets are provided with the device.

The reflection spectrometer set includes the following:

- 1) NIR-GR-1725 spectrometer, 2) Tungsten light source 3) Three-branch reflective fiber (Y)
- 4) Reference reflector tablet, 5) Data registration software

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