

IR - 2 dual-band emissivity measuring instrument

Manufacturer: Shanghai Chengbo

Model: IR - 2

Description

The IR - 2 dual-band emissivity measuring instrument was developed by Chinese Academy of Sciences, With the continuous improvement from the first generation of "IR- 1 emissivity measuring instrument", IR-2 emissivity measuring instrument has been successfully developed as a device which is specialized in determining the emissivity of infrared materials.

Specifications and Key Advantages

- a) The research and test of infrared stealth materials on military weapon, high infrared baking coating materials, building materials, insulation materials and coating materials and paper etc..
- b) The apparatus is able to measure emissivity in different waveband ranges of 1-22 μm , 3-5 μm and 8-14 μm .
- c) The apparatus is equipped with heating function and is able to work in a wide temperature range between Room Temperature to 300°C.
- d) The apparatus can be used for testing various kinds of objects, especially for films.
- e) The measurement range of emissivity is 0.10-0.99.
- f) With big holding zone of 50mm diameter size.

