

## Low temperature blackbody model/Laboratory camera of BB100K1 type with temperature regulation system MCHT100/240-350



### METROLOGICAL EQUIPMENT

Wide-aperture optical source (Planck radiator) for calibration and verification of various radiometric and infrared imaging equipment, as well as standard pyrometers of the 1st and 2nd category and, in justified cases, the working measuring instruments of the highest accuracy.

**IT IS USED FOR** calibration of space-based spectroradiometers.

MCHT is designed for work both in the air and in the cryovacuum camera.

MCHT is a copper cavity with a diameter of 120 and a depth of 200 mm, coated with paint with a known, high emissivity. The cavity temperature is maintained at a set level via a liquid thermostat with a built-in refrigerator.

### APPLICATION

Metrology, scientific research, space research / RSE (remote sensing of the Earth from space).