

# » CK-20

## Automatic Calibration Kit for Cavity Blackbodies

The CK-20 is a NIST (National Institute of Standards and Technology) traceable temperature calibration kit that enables fully automatic or semi-automatic recalibration of CI Systems' high temperature cavity blackbodies.

The CK-20 transfers the accurately measured temperature to the computer via an RS 232 link. The software rewrites the new calibration values into the blackbody's controller.

The CK-20 is compatible with all of CI Systems' cavity blackbodies: SR-20, SR-200 and SR-200N series.

The CK-20 includes a high precision digital thermometer, type "S" thermocouple probe, CI Systems' automatic calibration software, thermocouple holder for precise, repeatable positioning.



### » FEATURES

- ▶ Automatic Blackbody Calibration
- ▶ RS232 communication (GPIB optional)
- ▶ High precision digital thermometer
- ▶ NIST traceable

### » SPECIFICATIONS

Thermometer type	Digital with internal cold junction reference
Thermometer resolution, °C	0.1
Temperature accuracy, °C	±1.5
Temperature drift, PPM / °C	100
Recalibration interval for NIST traceability	12 months
Shipping case	Included