

# DUAL-CAVITY BLACKBODY RADIATION SOURCE

## CODE PIC-D155



- Large target sizes of 50mm and 65mm for calibrating of infrared thermometers and infrared thermal imagers
- Contain two independent blackbody cavities
- The emissivity of blackbody radiation is better than 0.995
- 0.1 level temperature control meter with high accuracy
- Multi-point temperature correction function

### SPECIFICATION

<b>Temperature range</b>	low range: -15°C~100°C high range: 50°C~500°C
<b>Resolution</b>	0.01°C (at -15°C~100°C), 0.1°C (at 100°C~500°C)
<b>Stability</b>	≤(0.1°C or 0.1% t , whichever is greater)/10min*
<b>Uniformity</b>	≤(0.15°C or 0.15% t , whichever is greater)*
<b>Emissivity</b>	>0.995
<b>Cavity size</b>	low range: Ø65mm high range: Ø50mm
<b>Cavity depth</b>	low range: 110mm high range: 160mm
<b>Cool down time</b>	30 minutes from ambient to -15°C
<b>Heat up time</b>	60 minutes from ambient to 500°C
<b>Power supply</b>	220V/50Hz
<b>Power</b>	850W
<b>Dimension</b>	380×295×320mm
<b>Weight</b>	17.1Kg

### STANDARD DELIVERY

<b>Main unit</b>	1 pc
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\*|t| is the absolute temperature value of blackbody radiation source