

DUAL-CAVITY BLACKBODY RADIATION SOURCE

PART NO. PIC-D155-U



- Large target sizes of 1.97" and 2.56" 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

Temperature range	low range: -15°C~100°C
	high range: 50°C~500°C
Resolution	.01°C (at -15°C~100°C), .1°C (at 100°C~500°C)
Stability	$\leq (.1^\circ\text{C or } .1\% t , \text{ whichever is greater})/10\text{min}^*$
Uniformity	$\leq (.15^\circ\text{C or } .15\% t , \text{ whichever is greater})^*$
Emissivity	>.995
Cavity size	low range: 2.56" DIA
	high range: 1.97" DIA
Cavity depth	low range: 4.33"
	high range: 6.30"
Cool down time	30 minutes from ambient to -15°C
Heat up time	60 minutes from ambient to 500°C
Power supply	110V, 60Hz
Power	850W
Dimension	14.9"×11.6"×12.6"
Weight	37.7lb

STANDARD DELIVERY

Main unit	1 pc
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* |t| is the absolute temperature value of blackbody radiation source