

CAVITY BLACKBODY RADIATION SOURCES (MEDIUM TEMPERATURE TYPE)

- Adopt automatic temperature control mode, featuring fast heating rate, and excellent temperature stability
- Emissivity is better than 0.995, with a cavity aperture diameter of 65mm, high temperature accuracy and excellent temperature uniformity



CBR-TS550

STANDARD DELIVERY

Main unit	1 pc
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SPECIFICATION

Code	CBR-TC300	CBR-TC550	CBR-TS300	CBR-TS550
Temperature range	50°C~300°C	50°C~550°C	50°C~300°C	50°C~550°C
Temperature resolution	0.01°C (at 50°C~100°C), other range 0.1°C		0.01°C	
Cavity	tubular			
Cavity aperture diameter	Ø65mm			
Emissivity	>0.995		>0.995 (adjustable: 0.8~1.0)	
Temperature stability	≤(0.1°C or 0.1%·t, whichever is greater)/10min			
Temperature uniformity	≤(0.15°C or 0.15%· t , whichever is greater)			
Control mode	class 0.1 temperature controller		4.2" touch screen	
Power supply	AC220V, 50Hz			
Power	1kW	1.1kW	1kW	1.1kW
Operating environment	temperature: 0°C~45°C, humidity: ≤80%RH (non-condensing)			
Dimension (L×W×H)	320×300×200mm		337×229×400mm	
Net weight	8kg		13.5kg	