

### ***Evacuated Tube Basic Specifications***

- production date: 19-08-2011
- serial number of vacuum tube machine: A5

Length (nominal)	1800 mm. $\pm$ 10 mm
Outer tube diameter	58 mm
Inner tube diameter	47 mm
Material	Borosilicate Glass 3.3
Glass thickness	1.6 mm
Absorptive Coating	SS-Cu-ALN/AIN
method of applying	triple magnetron magnetization
Thermal expansion	$3.3 \times 10^{-6}$ °C
Absorptance	$\alpha = 0.92 \sim 0.96$ (AM1.5)
Emittance	<8% (80°C)
Heat Loss	$\epsilon = 0.04 \sim 0.06$ W/(m <sup>2</sup> ~ 80°C $\pm$ 5°C)
Vacuum	P. $\leq 5.0 \times 10^{-3}$ (PA)
Stagnation Temperature	200 ~ 300°C
Maximum Strength	0.8MPa