

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SJ/T 11883-2022

**The Calculation Method of Heat Balance, Heat Efficiency and
Comprehensive Energy Consumption of Diffusion Furnace**

扩散炉热平衡和热效率及综合能耗的计算方法

(English Translation)

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This standard specifies the heat balance test and calculation benchmarks, measurement items and measurement methods, heat balance calculation methods, thermal efficiency calculation methods, and comprehensive energy consumption calculation methods for diffusion furnaces. This standard applies to the calculation of heat balance, heat efficiency and comprehensive energy consumption of diffusion furnaces. This standard can be referred to for the calculation of heat balance, heat efficiency and comprehensive energy consumption of other types of electric resistance furnaces.

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