

Continuous Production of Single-Walled Carbon Nanotubes in Electric Arc Furnaces



Brief Introduction of Electric Arc Furnace for Continuous Production of Single-Walled Carbon Nanotubes

The continuous production of Single-Walled Carbon Nanotubes electric arc furnace is a consumable electric arc furnace dedicated to the production of fullerenes, metal fullerenes, carbon nanotubes, and graphene.

Scope of application

Widely used in continuous mass production of scientific research institutes and enterprises.

The main purpose

Consumable electric arc furnace, dedicated to the continuous production of fullerenes, metal fullerenes, carbon nanotubes, and graphene.

The characteristics of electric arc furnace for continuous production of Single-Walled Carbon Nanotubes

The equipment occupies a small area and is simple and easy to operate.

Technical parameters of electric arc furnace for continuous production of Single-Walled Carbon Nanotubes

Item	Specification
Model	CNEQPS-500A
Vacuum chamber structure	Stainless steel double - layer water

	cooling shell
Vacuum chamber size	$\Phi 500 \times 350\text{mm}$
Working chamber size (isothermal chamber)	carbon chamber: $\Phi 10\text{mm}/\Phi 8\text{mm}$
Control method	Automatic
Floor space	L1900×W800×H1700mm
Rated power	$\leq 20\text{KW}$



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