

# Continuous Production of Fullerenes in Electric Arc Furnaces



## **Brief Introduction of Electric Arc Furnace for Continuous Production of Fullerene**

The continuous production of fullerene 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 fullerene**

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

### **Technical parameters of electric arc furnace for continuous production of fullerenes**

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 $\times$ W800 $\times$ H1700mm
Rated power	$\leq 20\text{KW}$



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