

BDD BEAKER

Model: BK1.0

The key part of the beaker is the Boromond electrode. The use of Boron-Doped Diamond electrodes (BDD) provides a way towards state-of-the-art Advanced Oxidation Process in Water Treatment.

The single processing capacity is 1L, which can be used for small batch test and qualitative analysis of water degradation test in scientific research institutions and universities and environmental enterprises. The beaker kit is a flexible and modular tool for electrolysis tests on a small laboratory scale. It is designed to support you for getting to know the waste water features and development of treatment process in your facility. It is versatile and easy to use. Each part is available separately.

Specifications

Name	Boromond Beaker
Anode	BDD Electrode (Silicone Substrate)
	Dimension: 100*50*3mm
	Quantity: 2 pcs
Cathode	Titanium Electrode
	Dimension: 125*65*1.5mm
	Quantity: 3 pcs
Active Area	Max 170cm ²
Water Volume	1 Liter
Work Power	200W
Input Voltage	DC 20V/50Hz
Input Current	DC 5A Max
Accessory	Tube; Cable
Weight	Approx. 650 grams
Beaker Dimension	Φ106*169mm



Notes: Power Supply & Magnetic Stirrer is to be prepared by user for the BDD Beaker operation.

Features

- Assembly complete for delivery
- Up to 170 cm² active electrode as working area
- Only power is needed for electro-oxidation process
- Easy operation
- Holes for foam overflow and sampling
- Treatment performance available in few hours
- Current density up to 100 mA/cm²
- Max current up to 5A
- Fast opening and closing mechanism for tube attachment