

PURIFICATION
CONCENTRATION
CLARIFICATION

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生物柴油类 BIODIESEL

生物柴油是一种来源广泛的可再生能源资源，目前在世界各国正掀起开发利用生物柴油资源的热潮，它与矿物柴油相比，具有低含硫和低排放污染，可再生，优良生物可降解性等特点，有广阔的发展前景。

Biological diesel oil, a kind of renewable fuel resource, is widely available. Now a new trend of utilizing biological diesel oil resources is being raised throughout the world. Compared with mineral diesel oil, it has such features as low sulfur content, low pollution emission, good renewability and excellent biological degradability. Therefore, it has wide development prospects.

生物柴油是以油类和脂肪为原料，与甲醇加上碱性催化剂经酯化反应获得。其中反应产生的甘油是副产品。

By adopting oil and fat as raw materials, biological diesel oil is achieved through etherification reaction with methanol by adding alkali catalyst. The glycerin produced in the reaction is a subsidiary product.

BDSO分离机的优点 Advantages of BDSO separator

- ◆ 高出油率，柴油品质好
- ◆ 噪音低
- ◆ PLC 程序控制，操作简便
- ◆ 操作，保养，维护费用低
- ◆ Higher oil yield, good quality diesel
- ◆ Low noise
- ◆ PLC program control with easy operation
- ◆ Low operation, maintenance and servicing costs



分离机在生物柴油的生产中，主要应用于

- ◆ 分离甲酯，甘油，催化剂，脱皂，甲醇
- ◆ 水洗甲酯
- ◆ 提取脂肪酸
- ◆ 甘油脱盐

In the production of biological diesel oil, the separator is mainly used for the followings

- ◆ Separation of methyl ester, glycerin, catalyst, methanol
- ◆ Washing of methyl ester
- ◆ Extraction of fatty acid
- ◆ Glycerin desalting

型号 Model	处理量 Capacity(T/d)	重量 Weight(Kg)
BDSO10	10-20	600
BDSO30	30-50	750
BDSO60	70-150	1500
BDSO80	100-200	1700
BDSO110	150-300	2200
BDSO150	200-500	3500
BDSO200	300-800	4400

