

INTRODUCTION

YASA ET Electrocoagulation & Electro-oxidation Test Equipment allows clients to test the treatment effect of this technology on their water or wastewater.

The high quality components guarantee a strong resistance to corrosion and strong chemicals.

Thanks to its design, users can find the optimal configuration and parameters for an effective treatment of their water or wastewater.

FEATURES

- Reactor Size: 1 , 5 , 10 litres
- Custom made Electrodes: Iron / Aluminium / BDD / Titanium / DSA Titanium
- Acrylic reactor with high corrosion resistance
- Discharge valves to control the water flow
- Recirculating pump for continuous treatment applications with flow adjustment knob
- Transparent tank to clearly evaluate the treatment effects

EQUIPMENT DETAILS



EOXCell®

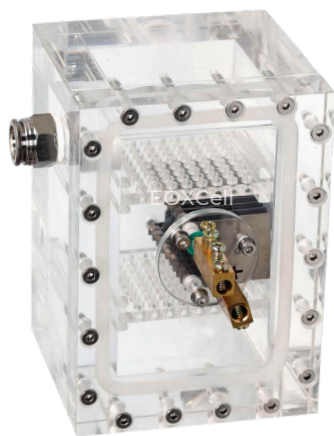
ELECTRO-OXIDATION TEST CELL WITH BDD & TITANIUM ELECTRODES

INTRODUCTION

The EOXCell is a new addition to YASA ET's PREDEST test equipment series*, specifically designed for electrochemical technologies.

EOXCell electro-oxidation test equipment enables users to evaluate the impact of this technology on water and wastewater treatment.

Equipped with high-grade Boron Doped Diamond (BDD) electrodes, the EOXCell series serves as an ideal testing tool for universities, research and development laboratories, and companies focused on water and wastewater treatment.



APPLICATIONS














- Electro-oxidation Lab Tests
- Hydroxyl Radicals Treatment
- Biocatalytic-electrochemical Treatments
- Electrochemical Disinfection
- Photoelectrochemical Oxidation
- Degradation of hydrophilic aromatic compounds
- BDD Electrolysis Process
- Reduction of Nitrates
- Redox Electrochemistry
















TECHNICAL FEATURES

BDD Electrodes	9 x 28*28mm	Diamond Coating	10um
Titanium Electrodes	10 x 28*28mm	Resistivity	≤0.01 ohm-cm
Hydrogen Evol. Potential	≤-1.0V	Oxygen Evol. Potential	≥2.5V

*EOXCell is compatible with the test equipment models: EC-1, EC-5, EC-10, S-EC-1, S-EC-5, S-EC-10

EC-EO TEST EQUIPMENT - REFERENCE CLIENTS

CLIENT	LOCATION	DESCRIPTION
Geopure		Equipment: S-EC-20
Jemr		Equipment: EC-1
Acme Chem		Equipment: S-EC-20
Mechatec BHS		Equipment: EC-20
Indsys		Equipment: S-EC-20:
Gageworld		Equipment: EC-1
Ecospec Global		Equipment: 2x S-EC-1 + Electrooxidation Electrodes
WaterTectonics		Equipment: EC-1, EC-5
Almenda		Equipment: S-EC-5
Ecoimpianti		Equipment: S-EC-1, S-EC-5 + Electrooxidation Electrodes
Smartsea		Equipment: 2x S-EC-20
Quemwalk		Equipment: S-EC-20
Eastlink		Equipment: S-EC-5

Diponegoro University		Equipment: S-EC-1
Chem-Top		Equipment: S-EC-5
Flotlife		Equipment: S-EC-5 + Electrooxidation Electrodes
Yerba Dulce		Equipment: S-EC-5
UNAB University		Equipment: S-EC-5 + Electrooxidation Electrodes
NTNU Aalesund		Equipment: S-EC-5 + Electrooxidation Electrodes
KNOLL		Equipment: S-EC-1 + Electrooxidation Electrodes
Wave		Equipment: S-EC-1 + Electrooxidation Electrodes
BluAct Technologies		Equipment: S-EC-5
RISE Processum		Equipment: S-EC-5 + Electrooxidation Electrodes
Stony Brooks University		Equipment: S-EC-5 + Electrooxidation Electrodes
Faratech		Equipment: S-EC-5 + Electrooxidation Electrodes
Flowpoint Systems		Equipment: S-EC-20 + Electrooxidation Electrodes
KEFO		Equipment: S-EC-5, S-EC-20 + Electrooxidation Electrodes
Arro Group		Equipment: S-EC-5 + Electrooxidation Electrodes



YASA ET

Waste Is Another Resource



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