



FLAGSHIP DHAKA CENTRAL ETP (BD) LTD.

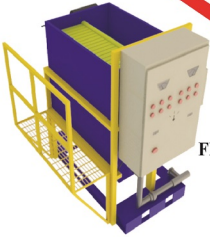
**ETP Wastewater Treatment
ECR & ETP Auxiliary Equipment**

**Products &
Services**

Electro Contaminant Removal (ECR)



The Flagship ECR Technology & System is based on valid scientific principles involving responses of water contaminants to strong electric fields and electrically induced oxidation & reduction reactions



Series 5 & 10
Flowrate 15 and 30 M³/Hr.

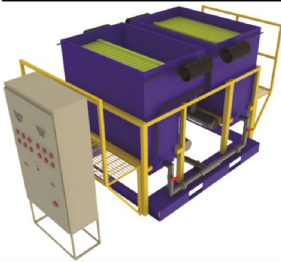
Total Ship weight: 1.0 ton
Op. weight: 1.7 ton
Work area Dim (mm): 2500 x 2500
380-440V 50 Hz 100-150Amp

**ELECTRO Chemical - Oxidation - Floatation
- Destruction & Treatment**

Singapore Engineering & Manufacturing

HS NO. (HARMONIZED CODE)

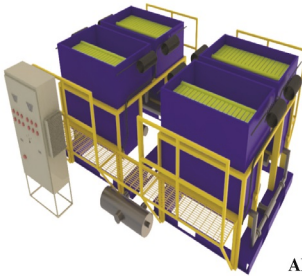
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Series 20
Flowrate 30 to 60 M³/Hr.

Total Ship weight : 1.5 ton
Op. weight : 4 ton
Work area
Dim (mm): 5000 x 5000
380-440V 50
Hz 300Amp

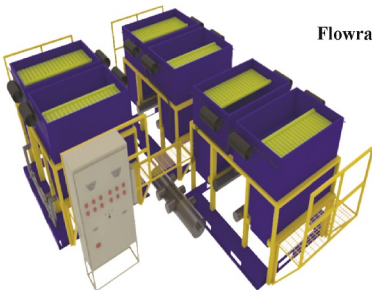
HIGH QUALITY PLUMBING



Series 40
Flowrate 60 to 120 M³/Hr.

Total Ship weight : 3 ton
Op. weight : 6 ton
Work area
Dim (mm): 6500 x 6500
380-440V 50
Hz 400Amp

ADVANCED ELECTRONICS



Series 60
Flowrate 60-180 M³/Hr.

Ship weight : 3.5 ton
Op. weight : 10 ton
Work area
Dim (mm): 7000 x 7000
380-440V 50
Hz 500Amp

EASY MAINTENANCE & OPERATIONS
10 Years Textile Experience in Bangladesh



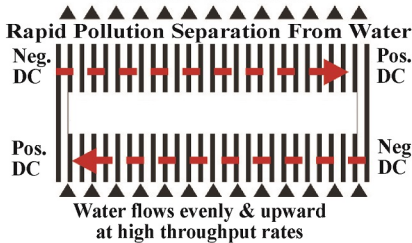
NON-Hazardous

**OXIDE
Based
SOLIDS**



FLAGSHIP ECR

Reaction Chamber



**COD/BOD/TSS/VO/POP Colour, Heavy Metals, More
HIGH REDUCTION & REMOVAL RATES**



- MS Frame, prime & painted
- CIP, Plumbing / Valves
- Influent Plumbing & Valves
- 380-440V 50 Hz AC to DC
- IP55 Electrical Panel w/ cooling fans
- 1st Steel set outsourced locally
- Internal Diffuser (s) for Solids Lift
- 12 Mth. Water Process Guarantee
- 12 Mth. Elec. & Mech. Warranty
- Autopolarity Switch
- Voltage & other Electronic Auto Sensors
- Installation, Commissioning & Training

Process & Rinse Waters

ECR treatment for process & rinse waters from electroplating, computer board & chip manufacturers, paint rinse water, steel production, mining industry, automotive, airline, power plants and RMG Synthetic Effluents, others...

Water Pretreatment

ECR has proven effective in removing bacteria, silica and TSS prior to membrane systems such as reverse osmosis, ultra, multi / other filtration.

Food & Beverage

Meat, Poultry, Fish, - Total plant effluents. The ECR can harvest additional protein & fat while removing COD / BOD and turbid contaminants / pollutants.

Emulsified Oils in Water

ECR removes metals & liberates oils & grease from wastewaters.

ECO FRIENDLY Benefits & SAVINGS

80% Less Sludge
Compared To **Chemical** ETP

40% Less Op. Cost
Compared To **Chemical** ETP

20% Less Op. Cost
Compared To **BIO+Chemical** ETP

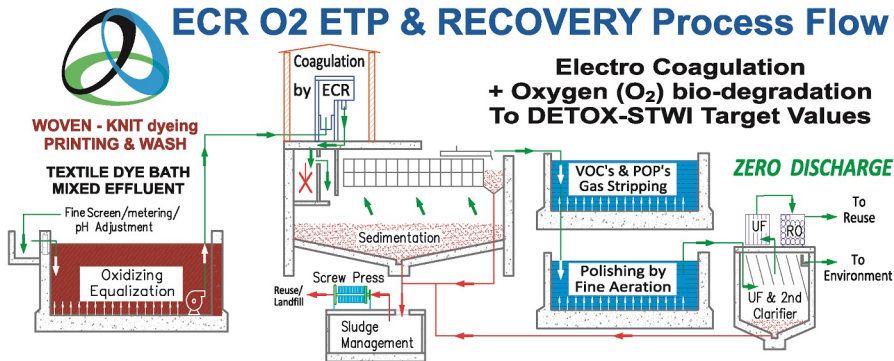
Double Flow Rate
With Appropriate Sedimentation

NEW CETP's



Built, Owned & Operated by FLAGSHIP Dhaka CETP (BD) Ltd.

ECR O2 ETP & RECOVERY Process Flow



NEW & Upgraded ETP's with Zero Discharge Integration's



Environment & Water Solutions

ETP
New & Upgraded

CETP
Zone Rollout

WTP
Water Softening

STP
Modular

FLAGSHIP DHAKA CENTRAL ETP (BD) LTD.

Hs. 11 (6th Fl.), Rd. 6, Sec. 4, Uttara
Dhaka-1230, BD, Tel: +88 02 8931173
E-mail : infocetp@flagshipdhaka.com

www.flagshipdhaka.com

See our website for
ZERO DISCHARGE

hydromaster

www.hydomastergroup.com
Hydomaster Membrane Technologies: