

DYNAMIC AQUA SCIENCE® INC.

AMB BIO MEDIA™

THE ECONOMIC ADVANTAGE IN WASTEWATER TREATMENT PLANT OPERATION

**850 m²/m³
CLOG FREE
SURFACE
AREA**

AMB BIO MEDIA™ PROVIDES 850 m²/m³ of biologically active surface area to enhance new or existing Treatment Plant capacity and performance.

AMB Bio Media™ is field proven. Extensive testing and operation shows superior performance.

AMB Bio Media™ provides flexibility in design and use for aerobic, anoxic and anaerobic systems.



AMB BIO MEDIA™ BENCH PILOT UNIT

AMB BIO MEDIA™ - OPTIMIZES BIOMASS - PROVIDES OPERATIONAL STABILITY AND FLEXIBILITY WITH LESS SENSITIVITY TO SHOCK LOADS – AFFORDABLE

**UPGRADE
NEW AND
EXISTING
FACILITIES**

**TREAT
HIGH BOD
AND
SHOCK
LOADS**



AMB BIO MEDIA™ is cost effective and extremely easy to upgrade existing wastewater treatment plants without expanding tank volume.

ONCE SUBMERGED INSIDE A REACTOR the **AMB Bio Media™** operates as a non-clogging media.

Traditional aeration, or mechanical stirring, depending upon reactor design, and effluent requirements provides Media movement.

The **AMB Bio Media™** optimizes biomass growth and provides shelter and protection for the biomass.

UPGRADE FACILITIES – IMPROVE OPERATIONS – REDUCE COSTS

**FLEXIBILITY
FOR
NEW AND
EXISTING
FACILITIES**

AMB BIO MEDIA™ Represents flexibility and new-engineered potentials in wastewater treatment plant operation. Use in existing tanks, upgrade existing plants, and convert to efficient BOD₅, NH₃-N and TSS removal without tank expansion.



CONTACT US TODAY

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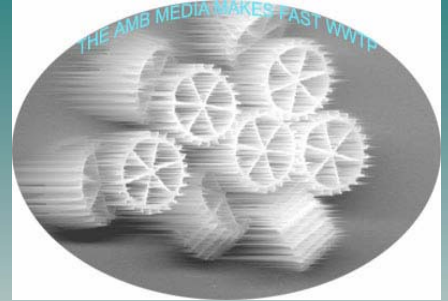
AMB BIO MEDIA Represent **850 m²/m³** surface area **In Your Reactor**

**ADVANCED
SYSTEM
OPERATION**

**20 YEAR
WARRANTY**

AMB BIO MEDIA™ MAIN FEATURES

- ◆ Bio Surface Area of 850 m²/m³
- ◆ Effective Under Extremely High BOD Loading
- ◆ Extremely Compact and Robust System
- ◆ Less Sensitivity to Shock Loading and pH Variations
- ◆ No Sludge Return System Required
- ◆ Design Flexibility, Easy Affordable Upgrade of Existing Facilities
- ◆ No channels or dead spots
- ◆ No backwash and Low Maintenance
- ◆ 20 Year Warranty of Media
- ◆ Quick Startup



◆ APPLICATIONS

- ◆ Municipal Wastewater Treatment Processes and Facilities
- ◆ Industrial Wastewater Treatment Processes and Facilities

CONTACT

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