

FASTcell™ - I

T-15 and T-20 Series Tubular Anolyte Cells for Cathodic E-Coat Applications



The FASTcell - I is a robust and energy saving anode offering a fully rotatable anode that does not require disassembly to ensure even wear and longer life. The FASTcell – TAC also features a clean anolyte fluid feed down the center of the anode that prevents clogging and improved flow around the anode. The high efficiency membrane supported and protected with heavy duty protective mesh provides added durability.

FAST's flushable FASTcell maintains optimum pH by extracting acid from the paint bath as it serves as a counter electrode with minimal electrical resistance.



The FASTcell with its robust and efficient cap design and ion-selective membrane are available in 1.5" and 2.0" anode diameter and lengths up to 120" of effective area to provide maximum flexibility for a wide variety of part sizes and tank dimensions.

Contact Information

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Benefits

Closed top design can be mounted vertically or horizontally
Rotatable Anode
Robust Construction
Submersible Electrodes
High Electrical Efficiency

Applications

E-coat paint systems
Automotive
Appliance
Agricultural
Lawn and Garden
Heavy Equipment
Aerospace
Furniture
Decorative Hardware

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Materials of Construction

Body – Heavy Duty PVC

Membrane Protector – PP

Membrane Support – PP

Electrode

Seamed 316L SS

Seamless 316LSS

TiO₂

RuO

Iridium

Type	Anode Diameter	Effective Area
T-15	1.875"	0.49 ft ² /ft 0.15 m ² /m
T-20	2.375"	0.62 ft ² /ft 0.19 m ² /m

Membrane

Pre-expanded ion exchange resin

High Effective Surface Area

For Cathodic and Anodic Paints

Dimensions

Maximum Outer Shell Diameter

T-15 3.5" (89mm)

T-20 4.5" (114 mm)

Effective Length – to 120" (366 cm)

Accessories

Flow meters with valve

Supply and return tubing

Mounting clamps

Inlet and outlet connections

Electrical wire

Electrical quick disconnects

Anolyte Cell Design

Open Top Cell

The FASTcell – I open top is designed for economy, simplicity, and effectively. This design combines state-of-the-art ion exchange membrane with tried and true cell construction. This combination provides effective counter ion removal with excellent electrical efficiency and long life. The rotatable anode concept allows the anode to be evenly eroded over its surface extending anode life.

Closed Top Cell

The closed top FASTcell I is one of a few designs that allow the anode to be rotated without disassembly for ease of rotation and longer anode life. Like the open top cell this design combines state-of-the-art ion exchange membrane with tried and true cell construction for economy, simplicity, and effectively. The design allows effective use of the membrane and anode for efficient counter ion removal and electrical usage.

Optional Configurations

Submersible Cells

Same features as the side cells except completely submersible. Available in custom sizes and formats. Available in both bare anode and membrane style cells. Appropriate mounting hardware is also available.

Overhead Cells

Same features as the side cells available in custom sizes. Mounting hardware is available.

Bare Electrodes

Cells without Electrodes