

Tubular TechCELL



Synder's TechCELL anode cell was specifically designed to optimize the electrocoating process. This anode cell is currently accepted as the standard of the electrocoat industry with well over one half of all electrocoat paint tanks in operation today using this technology.

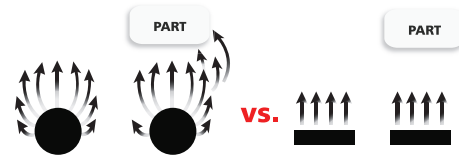
WHAT IT DOES

Anolyte cells serve as an opposing anode for the part being painted, as well as an acid removal device.

HOW IT WORKS

Equipped with a robust anionic membrane, the electrical charge on these cells attract the excess acid in the paint bath and effectively remove them out of solution through membrane filtration.

BETTER THROW ANGLES



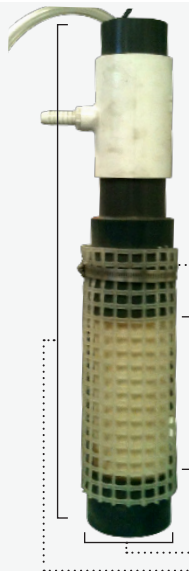
Tubular (Round) Anodes offer a greater range of electrical "throw angles" vs. flat cells. A greater variety of throw angles can significantly improve the coating quality and coverage in hard to reach areas of the part.

More throw angles also allow the anode to start painting sooner in monorail systems.



TUBULAR CELL FEATURE AND BENEFITS

- More throw angles
- Larger membrane area, longer life leading to lower capital & operating costs
- Built in cleaning mechanism
- Easy to use & maintain
- Flexibility for your tank
- Custom designs for different tanks and configurations
- Roof cells & hollow cells available



Anode Model T200G-1500-1800-S40WD

Effective Length (Membrane & Anode)
(mm or in)

Nominal Outer Diameter
 T150 = 1.5" OD Open Top
 TCX150 = 1.5" OD Closed Top
 FBA150 = 1.5" Floor Bare Anode
 T150GFL = 1.5" Ground Floor Cell
 T200 = 2" OD Open Top
 TCX200 = 2" OD Closed Top

Total Length
(mm or in)

Anode Construction
 WD = Welded
 SMLS = Seamless
 IrO = Iridium Oxide
 Titanium
 RuO = Ruthinium Oxide

Anode Thickness
 S10
 S40
 S80

STANDARD PARTS INCLUDED WITH SHELL ONLY

- Polypropylene Outerguard
- 2 Unistrut Mounting Clamps

STANDARD PARTS INCLUDED WITH EACH COMPLETE ANODE CELL

- 5ft Anolyte supply tube (clear PVC 3/8")
- 5ft Anolyte return tube (clear PVC 1/2")
- 6" electrical lead wire with Anderson power pole Quick Disconnect
- Polypropylene Outerguard
- 2 Unistrut Mounting Clamps

ADDITIONAL PARTS

- Anderson power pole mating cable

TechCELL NAMING CONVENTION

TechCELL MODELS & SIZE

TechCELL Model & Size add G for Guard	Effective Length Inches or millimeters	Overall Length Inches or millimeters	Material 316 Stainless Steel s80 · s40 · s10 IrO · RuO	Material Type Welded or Seamless	EXTRA Designation Floor & Roof ONLY Verticle Rise
TCX150	101	111	s40	WD	-
T150G FL	73	98	s10	SMLS	U24
T200G	115	130	s10	WD	-

TCX = Closed Top Cell - Union style
 TCC = Closed Top Cell - Quick Clamp style
 T = Open Top Style
 150 = 1.5" Anode nominal (1.9" OD)
 200 = 2.0" Anode nominal (2.4" OD)
 add G after = Optional Guard
 FL flanged floor designation T200FL = FLOOR CELL
 RF flanged roof designation T150RF = ROOF CELL
 FBA flanged bare floor designation = BARE FLOOR