

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.

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

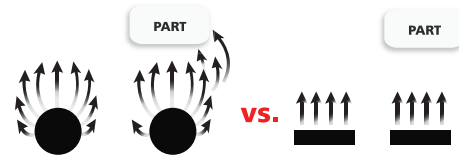
WHAT IT DOES

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.

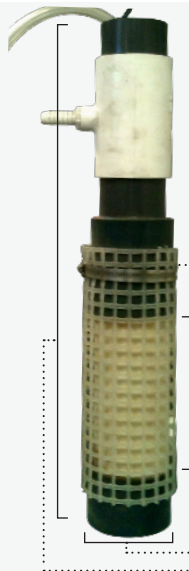
BETTER THROW ANGLES



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.





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	Dash	Effective Length Inches or millimeters	Dash	Overall Length Inches or millimeters	Dash	Material 316 Stainless Steel s80 · s40 · s10 IrO · RuO	Material Type Welded or Seamless	Dash	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