

TC-230 ELECTROCHEMICAL DELIVERY SYSTEM

MACHINE SPECIFICATIONS

Depth	32 inches
Width	32 inches
Height	78 inches
Weight (empty)	350 lbs
Weight (full)	1,050 lbs
Storage capacity	30 gallons of each solution
Generation rate	Up to 500 gallons/day
Bottle fill flow rate	2.3 gal/minute
Bucket fill flow rate	6 gal/minute



INSTALLATION REQUIREMENTS

Input voltage	120 Volt AC (≥ 8 Amp circuit)
Ventilation	Active/fan - within site
Discharge drain	Within 10 ft of machine
Water inlet	3/4" MGH
Min/max pressure	50 - 100 psi
Water temperature (input)	40 - 75° F (do not supply with hot water, $> 95^\circ$ F)
Ambient temperature	50 - 100° F (covered w/ adequate ventilation)

OPERATION & MAINTENANCE

Electrolysis cell life	6 - 12 months
Particulate pre-filter life	3 - 6 months
Salt type	High purity NaCl pellets ($\geq 99.9\%$)
Salt usage (electrochemical process)	22.8 lbs per 1000 gallons solution generated
Salt usage (built-in water softener)	≈ 6 lbs per 1000 gallons solution generated (varies with feed water hardness)
Salt reservoir capacity	24 lbs

SOLUTION CHARACTERISTICS

TK60 Hospital Grade Disinfectant

Concentration	≥ 200 ppm FAC
pH	≈ 4
Shelf life (closed container)	< 7 days

FC+ All-Purpose Cleaner & Degreaser

Concentration	475 ppm NaOH
pH	≈ 12
Shelf life (closed container)	30 days

ADDITIONAL FEATURES

OLED Display, Remote monitoring, Real-time status updates, Web based - accessible from most web browsers