



# NinjaGen 144

ON-SITE HYPOCHLOROUS ACID GENERATORS



**Effective  
sanitizing  
solution made  
on-site**

## The NinjaGen Model 144

The Microbe Ninja™ NinjaGen 144 is a stand-alone, on-site generator optimized to produce hypochlorous acid with neutral pH at over 1000 ppm (FAC). Using Microbe Ninja™ technology, the system converts salt, water, weak acid and electricity into an effective and powerful solution that can substitute for a number of conventional chemicals used on a daily basis.

### Uses

- Bacteria inactivation
- Virus inactivation
- Cleaning food surface preparation areas
- Tile floor cleaning
- Any situation where sodium hypochlorite or calcium hypochlorite have traditionally been used.

### Specifications

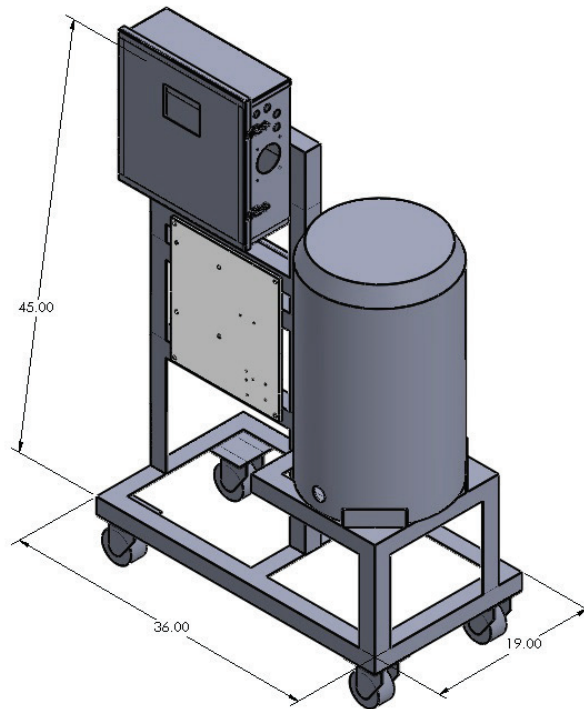
- Touch-screen display
  - › Size 5" x 4" color display
  - › Resistive touch membrane overlay
- Built in safety sensors
  - › Water, flow, & level sensors
- Power supply
  - › 100 amp 24v DC water-cooled switch mode
- Electrode stack
  - › [1] x 15,000 hr reverse polarity
- Operating temperature
  - › 45°F (7°C) to 115°F (46°C) air temperature
  - › 50°F (10°C) to 80°F (26°C) water temperature
- Electrical specifications
  - › Max AC primary amps – (24)
  - › Voltage / Hz – (208-240v 50/60Hz single phase)
  - › Breaker required – (40 amp)

Skid dimensions and weight		
Depth x width x height	19"x 36"x 60"	48cm x91cm x152cm
Weight	80 lbs.	36 kg
Water required		
Water flow	0.1 gpm	0.3785 lpm
Water pressure (min)	25 psi	2 bar
Water pressure (max)	50 psi	4 bar
Water softener required	No	
Generator performance		
Hypochlorous acid	0.1 gpm	0.3785 lpm
(sanitizer)	(144 g / day)	0.3785 lpm (545 l / day)
(sanitizer) pH	5.5 - 7 adjustable	
(sanitizer) FAC	> 1,000ppm	
Salt and acid usage		
Estimated salt usage	10 lbs. / 240g	4.5 kg / 908 L
Estimated acid usage	1g / 180g	3.7 L / 680 L
Salt type	Rock, solar or evaporated	
Acid type	Acetic acid / Muriatic acid (application?)	

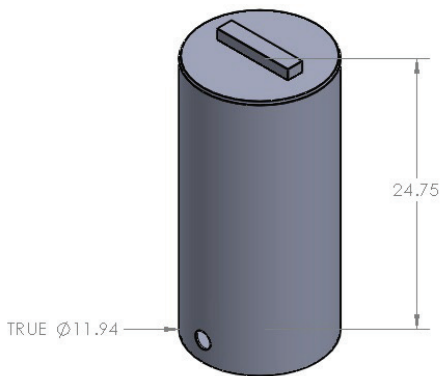
# Dimensions



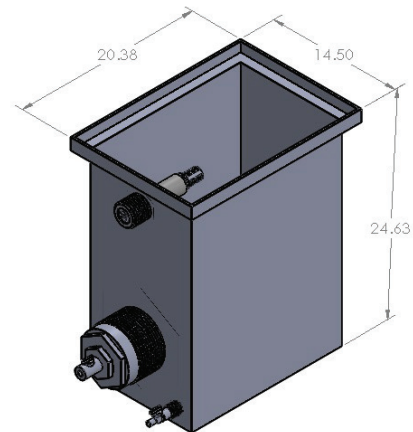
SKID MOUNTED NINJAGEN 144




ACID / VINEGAR FEEDER



SALT FEEDER



DFI  Microbe Ninja™ is the Hygienic Division of DFI, Since 1997  
A Global Leader in Automated Coating Systems. [dfsolutions.com](http://dfsolutions.com)  
Microbe Ninja™ is a pending trademark, of Diamon-Fusion Intl,  
Irvine, California



**MICROBE NINJA™**  
*Virus Fighting Solutions.*