

General Comparison chart



Brand	Peak Alkalinity	Peak Alkalinity	Peak Alkalinity	Enagic Kangen	Enagic Kangen
Model Number	Prime 1301-S	Prime 1101-S	Prime 901-S	SD-501	K8
Year Introduced to Market	2016	2016	2016	2004	2014
Country of Origin	Korea	Korea	Korea	Japan	Japan
Unit Retail Price (Amazon)	\$2,626	\$2,286	\$1,946	USD 3,595	USD 4,295
Faucet Retail Price (Amazon)	\$500	\$500	\$500	N	N
Certificates of Medical device Manufacturer	KFDA	KFDA	KFDA	Y	Y
Alkaline / Acidic Settings	4-Alkaline / 3-Acidic	4-Alkaline / 3-Acidic	4-Alkaline / 3-Acidic	3-Alkaline / 2-Acidic	3-Alkaline / 3-Acidic
pH Range	2.5 ~ 11.0+	3.0 ~ 10.8	3.5 ~ 10.7	5.5 ~ 9.5	5.5 ~ 9.5
Requires Chemical Additive	NO	NO	NO	YES	YES
Ionized Water Output Rate	Max 7 liters/min	Max 6 liters/min	Max 5 liters/min	3~5liters/min	3~5liters/min
Electrode Material	Platinum Titanium	Platinum Titanium	Platinum Titanium	Platinum Titanium	Platinum Titanium
Number of plates	13	11	9	7	8
Plate design	MESH or Solid	MESH or Solid	MESH or Solid	Solid only	Solid only
Plate size(mm)	125 * 60 * 0.5(t)	125 * 60 * 0.5(t)	125 * 60 * 0.5(t)	135 * 75 * 0.5(t)	135 * 75 * 0.5(t)
Plate Wetted area (Square Inch)	301.89	255.44	209.01	219.30	250.63
Language numbers	8 (Korean option)	8 (Korean option)	8 (Korean option)	1	1
Power Source (Max)	SMPS 450W	SMPS 450W	SMPS 450W	SMPS 230W	SMPS 230W
Cooling Fan for SMPS	Y	Y	N	N	N
UV Lamp Sterilization Option	Y	Y	Y	N	N
0.1micron UF Membrane Filter Option	Y	Y	Y	N	N
Adjustable power settings at each level	1,680 Programmable	1,680 Programmable	1,680 Programmable	Uncertain	Uncertain
Cleaning setting	4 mode setting cleaning	4 mode setting cleaning	4 mode setting cleaning	Uncertain	Uncertain
Filter Life Indicator	Digit (3000 / 5000)	Digit (3000 / 5000)	Digit (3000 / 5000)	Digital	Digital
Replacement Filter Price	\$138 (\$59 / \$79)	\$138 (\$59 / \$79)	\$138 (\$59 / \$79)	\$130	\$130
Method of Flow Control	Electric Solenoid valve	Electric Solenoid valve	Electric Solenoid valve	External manual valve	Electric Solenoid valve
Flow rate indicator	Y	Y	Y	Y	Y
Low Flow Alarm	Y	Y	Y	Y	Y
Draining valve for Chamber	Y	Y	Y	N	N
Connects direct to tap	Y	Y	Y	Y	Y
Undersink installation available	Y	Y	Y	N	N

General Comparison chart



Brand	Peak Alkalinity	Peak Alkalinity	Peak Alkalinity	TYENT	TYENT
Model Number	Prime 1301-S	Prime 1101-S	Prime 901-S	ACE-11	UCE-11
Year Introduced to Market	2016	2016	2016	2015	2015
Country of Origin	Korea	Korea	Korea	Korea	Korea
Unit Retail Price (Amazon)	\$2,626	\$2,286	\$1,946	\$3,495	\$3,495
Faucet Retail Price (Amazon)	\$500	\$500	\$500	NO	Included
Certificates of Medical device Manufacturer	KFDA	KFDA	KFDA	KFDA	KFDA
Alkaline / Acidic Settings	4-Alkaline / 3-Acidic	4-Alkaline / 3-Acidic	4-Alkaline / 3-Acidic	4-Alkaline / 3-Acidic	4-Alkaline / 3-Acidic
pH Range	2.5 ~ 11.5+	3.0 ~ 11.0	3.5 ~ 10.7	Uncertain	Uncertain
Requires Chemical Additive	NO	NO	NO	NO	NO
Ionized Water Output Rate	Max 7 liters/min	Max 6 liters/min	Max 5 liters/min	3 liters/min	3 liters/min
Electrode Material	Platinum Titanium	Platinum Titanium	Platinum Titanium	Platinum Titanium	Platinum Titanium
Number of plates	13	11	9	11	
Plate design	MESH or Solid	MESH or Solid	MESH or Solid	SOLID/MESH	SOLID/MESH
Plate size(mm)	125 * 60 * 0.5(t)	125 * 60 * 0.5(t)	125 * 60 * 0.5(t)	Uncertain	Uncertain
Plate Wetted area (Square Inch)	301.89	255.44	209.01	385	385
Language numbers	8 (Korean option)	8 (Korean option)	8 (Korean option)	4	4
Power Source (Max)	SMPS 450W	SMPS 450W	SMPS 450W	SMPS 220W	SMPS 220W
Cooling Fan for SMPS	Y	Y	N	N	N
UV Lamp Sterilization Option	Y	Y	Y	N	N
0.1 micron UF Membrane Filter Option	Y (UF)	Y (UF)	Y (UF)	Y (UF)	Y (UF)
Adjustable power settings at each level	1,680 Programmable	1,680 Programmable	1,680 Programmable	700 Programmable	700 Programmable
Cleaning setting	4 mode setting cleaning	4 mode setting cleaning	4 mode setting cleaning	2 mode setting cleaning	2 mode setting cleaning
Filter Life Indicator	Digit (3000 / 5000)	Digit (3000 / 5000)	Digit (3000 / 5000)	Digit (3600 / 3600)	Digit (3600 / 3600)
Replacement Filter Price	\$59 / \$79	\$59 / \$79	\$59 / \$79	\$159	\$159
Method of Flow Control	Electric Solenoid valve	Electric Solenoid valve	Electric Solenoid valve	Electric Solenoid valve	Electric Solenoid valve
Flow rate indicator	Y	Y	Y	Y	Y
Low Flow Alarm	Y	Y	Y	Y	Y
Draining valve system for Chamber	Y	Y	Y	Y	Y
Connects direct to tap	Y	Y	Y	Y	Y
Undersink installation available	Y	Y	Y	N	Y