

## The Total Number of NEOREST Series SMART TOILET Shipped Exceeds 3 Million Units in the 27.5 Years Since Their April 1993 Launch

TOTO Ltd. (Headquarters: Kitakyushu, Fukuoka; President: Noriaki Kiyota) is pleased to announce that **In October 2020, the total number of NEOREST series SMART TOILET shipped in Japan and overseas exceeded 3 million.**

The project to “Create a toilet like none other” began in 1988, in pursuit of a next-generation toilet meeting the highest standards of customer satisfaction in functionality and design, throwing out conventional thinking and bringing together all of the technical skill within TOTO. In April 1993, **TOTO successfully developed an industry-first low silhouette toilet with no rear tank and an integrated WASHLET\* spray seat**, leading to the launch of NEOREST EX. The product significantly reduced water consumption for the flushing of toilets, from the conventional 13 L to 8 L. The design also embodied TOTO’s focus on global demand. Through TOTO’s continued efforts to refine functionality and design over the 27 years since its launch, NEOREST series **has received internationally renowned awards including the iF Design Award and Red Dot Design Award, and further reduced its water consumption from 8L to its current 3.8L**. As a leading TOTO product, NEOREST series is now widely used and a favorite of users in Japan and around the world.

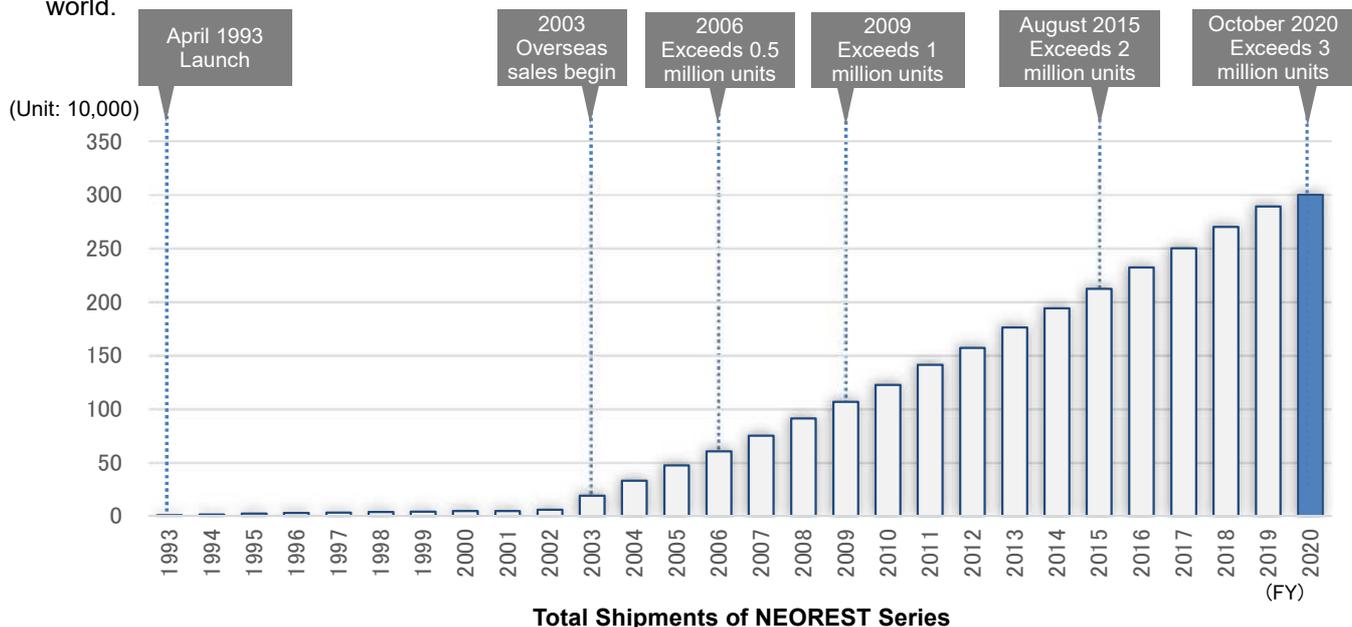


\*WASHLET and WASHLET logo are trademark or registered trademark of TOTO LTD.

NEOREST NX, launched in 2017 to be a global standard model, features a curvy design accentuating the beauty of ceramics and displaying the deep ceramic sanitary ware craftsmanship that TOTO has cultivated over 100 years, making it possible to realize an appearance that gently embraces the functionality of WASHLET.

As a result of its advanced fusion of design and functionality, raised ceramic ware covers WASHLET features, and the toilet bowl and WASHLET together present a seamless, truly integrated form.

TOTO continues its efforts to develop NEOREST series while meeting customer needs in countries and regions around the world, improving access to a comfortable, clean toilet culture throughout Japan and the world.



## NEOREST

NEOREST, combining "neo" (new) and "rest" (restroom), features a next-generation SMART TOILET design. Since the first generation NEOREST EX, the series has incorporated cutting-edge technologies, significantly improved water saving performance, and constantly evolved to always feature TOTO's latest functionality.

### ■ History of NEOREST

- 1993 — **Launched NEOREST EX (April)** ●  
The development of a 'new sequential valve flush system' enabled drastic water conservation, up to 8L per full flush, conserving 40% more water than conventional toilets. This also enabled a tankless design.
- 2002 — **Launched NEW NEOREST EX (July)**  
  - Improved toilet cleanability with the new RIMLESS design with no overhanging rim inside the toilet bowl, TORNADO FLUSH, a swirling flush that cleans the entire bowl, and CEFIONTECT, a glaze that enables the surface to be smooth at a nano level.
  - Enhanced water efficiency during rear cleansing with the built-in WONDER-WAVE, which sprays a series of water droplets to produce a more thorough washing sensation and use less water.
- 2006 — **Launched NEOREST A (August)** ●  
  - Improved toilet cleanability by adopting a linear form created by the integration of functionality and bowl, and the built-in RIMLESS WASHLET with no rim where waste and germs can easily accumulate.
  - Achieved a simple, sharp form with a "full cover" structure in which the lid gently wraps the entire bowl as the lid hinge (axis of opening/closing) is moved behind the main body.
  - With the optimized bowl shape, drain plug, and drainage, it achieved water consumption of 6 L per full flush while retaining the drain performance of the common 8L.
- 2007 — **Shipped a total of 0.5 million units in NEOREST series**  
**Launched NEOREST Hybrid series (June)**  
With the development of the Hybrid Ecology System, TOTO's unique tankless and compact washing technology using both a pump-type tank, free from the influence of water pressure, and direct tap pressure flushing, it achieved a 5.5L full flush, enabling installation even in low water pressure environments such as apartments.
- 2009 — **Launched NEOREST AH/RH (August)** ●  
  - Improved water saving performance using the advanced hybrid ecology system, which achieved a 4.8L full flush, and also included the of eco flush button (3.8L washing), which is useful for urination and cleaning.
  - The RH type enabled a power savings of approx. 30% with its built-in double heated toilet seat which prevents heat being released from the seat by using a heat-insulating material in the seat and lid.
  - AH has a simple, linear design.
  - RH has a soft curvy design that gives a gentle impression.
- 2011 — **Shipped a total of 1 million units in the NEOREST series**  
**Built-in EWATER+ and EWATER+ for WAND (February)** ●  
  - EWATER+ is water with inhibiting bacteria (hypochlorite) made by electrolyzing the chloride ion in tap water.
  - EWATER+ for WAND is a function sanitizing the wand with EWATER+ after use.
- 2012 — **Built-in EWATER+ for BOWL (February)** ●  
  - EWATER+ for BOWL is a function spraying EWATER+ onto the bowl after use to maintain the long-lasting cleanliness of the bowl.
  - In addition to the built-in EWATER+ for BOWL function, it achieved the consumption of only 3.8L of water per full flush by revising the inner shape of the bowl.
- 2015 — **Built-in AIR DEODORIZER (February)** ●  
A function capturing and neutralizing odorous components in the toilet space using an EWATER+ filter
- 2017 — **Shipped a total of 2 million units in the NEOREST series (August)** ●  
**Launched NEOREST NX to be a globally standardized model (August)**  
Flagship model realizing "true integration" of WASHLET and the toilet bowl  
**Built-in AIR-IN - WAVE (August)** ●  
Produced a more thorough washing sensation than with WONDER-WAVE using larger water droplets that are air-rich.



1993 NEOREST EX



2006 NEOREST A



2009 NEOREST AH (left)  
NEOREST RH (right)



2011 EWATER+ for WAND



2012 EWATER+ for BOWL



2015 AIR DEODORIZER



2017 NEOREST NX



2017 AIR-IN WONDER-WAVE

Note: Built in NEOREST NX/AH/RH.

## Design transition



NEOREST EX  
Launched in 1993



NEOREST A  
Launched in 2006



NEOREST NX  
Launched in 2017

Launched in 1993, NEOREST SMART TOILET was a ground-breaking Japanese tankless toilet developed to “create a toilet like none other.” In 2017, NEOREST NX was created, combining functionality and design to produce a truly SMART TOILET encapsulating WASHLET functionality in ceramic ware.

## Evaluation of NEOREST series by external parties

\*Product intended for overseas markets

Year	Award/evaluation	Evaluating organization	Awarded product/technology (launch year)
1992	Energy Conservation Center Chairman's Prize, 21st Century Energy-Efficient Equipment and Systems Prize	Energy Conservation Center, Japan	NEOREST EX (1993) Note: Before launch
1993	Good Design Award	Japan Institute of Design Promotion	NEOREST EX (1993) 
	JSME Technical Award	The Japan Society of Mechanical Engineers	NEOREST EX (1993)
2002	Good Design Award	Japan Institute of Design Promotion	NEOREST EX1 (2002) 
2005	Excellence Prize, Monodzukuri Nippon Grand Award	Prime Minister's award	Development of NEOREST
2006	Good Design Award	Japan Institute of Design Promotion	NEOREST A (2006) 
2009	iF Design Award	International Forum Design	NEOREST AH (2007) 
	Red Dot Design Award	Design Zentrum Nordrhein Westfalen	NEOREST AH (2007) NEOREST SERIES/LE* 
	Good Design Long Life Design Award	Japan Institute of Design Promotion	NEOREST 
2014	iF Design Award	International Forum Design	NEOREST GH* NEOREST XHII* NEOREST 750H* 
2015	iF Design Award	International Forum Design	NEOREST AC* 
	Red Dot Design Award	Design Zentrum Nordrhein Westfalen	NEOREST RH (2015) 
2016	iF Design Award	International Forum Design	NEOREST DH (2015) 

2016	Red Dot Design Award	Design Zentrum Nordrhein Westfalen	NEOREST DH (2015) 
2018	iF Design Award	International Forum Design	NEOREST NX (2017) 
	Red Dot Design Award	Design Zentrum Nordrhein Westfalen	NEOREST NX (2017) 
	Gold Selection Award	Japan Industrial Designers' Association	NEOREST NX (2017) 
2019	iF Design Award	International Forum Design	NEOREST AH/RH (2017) 
2020	Red Dot Design Award	Design Zentrum Nordrhein Westfalen	NEOREST DH (2017) 
	Architectural facility technology heritage	Japanese Association of Building Mechanical and Electrical Engineers	NEOREST EX (1993)
	Invention Prize, National Commendation for Invention	Japan Institute of Invention and Innovation	NEOREST NX (2017)