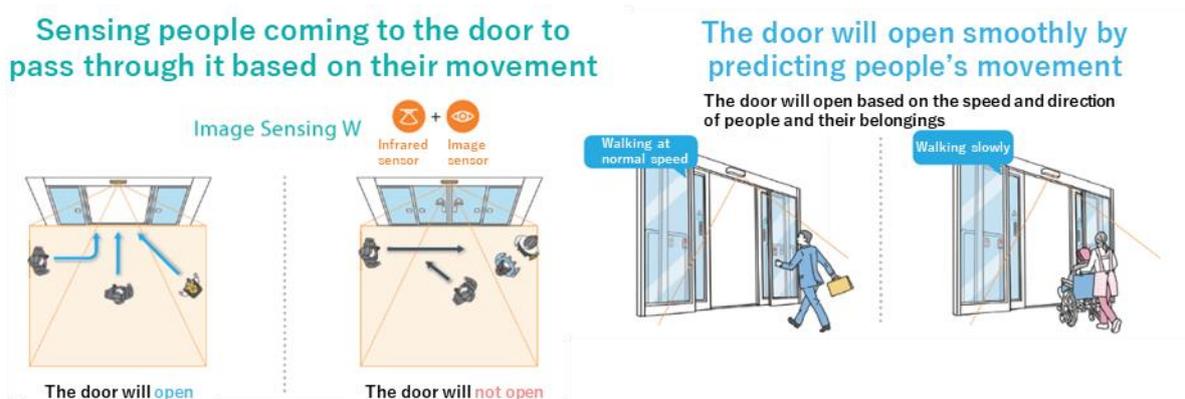


Market Release of the NATRUS⁺ W Automatic Door Equipped with New Functions to Contribute to Environmental Conservation and Barrier-Free Environments

Nabtesco Corporation (headquarters: Chiyoda-ku, Tokyo; President and CEO: Kazumasa Kimura) will put on sale the NATRUS⁺ W door as an energy-saving and barrier-free automatic door.

Nabtesco became the first developer of an automatic door equipped with a sensor which can judge the traffic line to reduce unnecessary opening in the industry in 2011 and subsequently released the NATRUS⁺ automatic door in 2018. The new NATRUS⁺ W door is equipped with “Image Sensing W,” which senses movement by using two sensors, one near-infrared sensor and one image sensor. Compared with the conventional product, the sensing area has been expanded by about four times to sense the movement of passers-by more precisely. Equipped with this sensing function, the door will open only for people who are going through it and not for those who happen to be around, thereby reducing the inflow of hot/cold air to increase air conditioning efficiency and save electricity, while keeping the indoor environment comfortable for those in it.

Moreover, based on the speed and moving direction of passers-by and their belongings, the NATRUS⁺ W door predicts the time required for the person and their belongings, such as a wheelchair or a stroller, to reach it to timely open to prevent the person from feeling stress when passing through it. The door, which is thus easy to use for anyone, contributes to making the building more friendly to all.



Nabtesco will foster energy saving, the reduction of environmental impact, and making the buildings barrier-free through the provision of this new automatic doors, thereby contributing to the achievement of the following goals of the SDGs: “Affordable and clean energy” and “Sustainable cities and communities.”

[Reduction of unnecessary opening and improvement of accessibility: Results of the demonstration test]

In order to verify the effectiveness of using the NATRUS^{te} W door, a demonstration test was carried out by installing the door at the entrance to a building located within the NEOPASA Suruga Bay Numazu Out-bound service area on the Shin-Tomei Expressway. The door that used to be there before the installation of NATRUS^{te} W had frequently opened unnecessarily because there were so many people around it, but after installation, compared with the automatic door equipped with a conventional sensor^{*1}, the door opening time was reduced by about 21% while accessibility was improved by about 20%^{*2}.

*1 Sensor that sends a signal to open the door when detecting something entering the sensor area

*2 Percentage of the cases in which the door opened more promptly for passers-by than a door equipped with a conventional sensor

Reference: For details of the product, please refer to [NABCO's website](#) and the [YouTube video](#).

For details of the demonstration test, please click [here](#). *Japanese only

[About Nabtesco] <https://www.nabtesco.com/en/>

Nabtesco was established through the integration of Teijin Seiki Co., Ltd. and NABCO Ltd. in 2003. It is a manufacturer of machine components, and with its unique motion control technology, supports the automation of manufacturing sites as well as safe, secure and comfortable land, sea and air transportation.

In the automatic door business, Nabtesco became the first to develop an automatic door in Japan in 1956 and now has a share of about 55% in the Japanese market for automatic doors for buildings, which represent its core product in the business. The company supplies “NABCO” branded doors in Japan and “GILGEN” branded doors overseas and has a global network of sales companies that provide maintenance service for the doors. It is also a supplier of platform doors, which help ensure the safety of passengers at stations and the scheduled operation of trains. For the business Nabtesco has production bases in the city of Kobe, Hyogo Prefecture, the State of Wisconsin in the United States, the Canton of Bern in Switzerland and the city of Beijing in China.

[Contact for inquiries]

For the introduction of NATRUS^{te} W, please contact your nearest [authorized NABCO sales company](#).