

The touch-free WC partition wall  
for increased hygiene.

schäfer  
Trennwandsysteme

distributed by

**Bradley**  
AUSTRALIA



Type Look&Wave smart



Contact-free opening and closing.



## Perfect hygiene and above all: A good feeling!

Look&Wave smart is the intelligent innovation for everyone who has the best hygiene and well-being of their guests at heart. This new WC partition wall means you can open and close the cubicle door without touching it, thanks to the aid of modern LED and sensor technology. Scientific studies carried out by the renowned Hohenstein Institute in Bönningheim are behind the latest Schäfer Trennwandsysteme development. The hygiene experts were able to prove that, by touching objects in sanitary areas, dangerous germs could be transmitted to and by human hands. This is especially true for the door handles of toilet cubicles. Contactless taps, toilet flushes, soap and towel dispensers have been used more and more frequently for several years now. The desired effect of these innovations has thus far been counteracted by the need to touch the handle on the cubicle door. Schäfer Trennwandsysteme has now succeeded in closing the last link in the hygiene chain with its contactless door opening for WC cubicles. Today, a modern bathroom concept is part of a contemporary and fresh building experience for visitors and employees alike, and thus creates both a real benefit and added value for the operator of the toilet facility.



TÜV tested safety stands for highest quality.





**Open Sesame!** Touching handles is a thing of the past. Look&Wave smart is the first time that the toilet door can be operated touch-free for the first time: all functions are controlled both from inside and out via the LED sensor area. Simply hold your hand in front of the sensor and the toilet door opens, as in the fairytale of 1001 Nights. An innovative principle that inspires and ensures even more hygiene in the bathroom.



Contact-free opening and closing.

**(1)** Upon entering the washroom, large-scale LED displays light up, making it easier to find a free cubicle. This assures the optimum flow of visitors, especially in high-traffic facilities. A real plus for user comfort. To open the door, simply hold your hand in front of the marked sensor area.

**(2)** The cubicle can then be entered, without having had to touch anything.

**(3)** No contact is required to lock the door either. Simply hold your hand in front of the sensor area in the cubicle to lock the door. As soon as the door is locked, the LED indicator inside and outside will turn red. This ensures the user feels safe in the cubicle, and visibly signals to people outside that the cubicle is in use.

**(4)** The door is also unlocked by holding the hand in front of the sensor area. The lock is released and the door opens automatically.

**(5)** Look&Wave smart is the first technology which allows for entirely contactless operation of a toilet cubicle. In conjunction with other sensor systems e.g. for flushing of toilets, activation of taps or soap dispensers, a holistic hygiene concept can be implemented in the sanitary sector, giving the user a pleasant feeling of cleanliness.



(1)



Contact-free opening and closing.

**(1) Emergency opening/locking of the cabin**

If a cabin is locked from the inside and is to be opened from the outside, e.g. in an emergency, this can be done via an emergency button. This is concealed above each door on the top of the head rail. If users are to be temporarily prevented from accessing a cubicle, this can be done in the same way.

**(2) Patented safety**

One of the innovative features of the Look&Wave smart concept is the door's safety device. Using the blockade function, the door will remain closed without requiring any additional force. After removal of the blockade, the door once more opens and closes almost weightlessly. This ensures safety for users and virtually eliminates damage caused by vandalism.

**(3) Automatic unlocking in the event of a power failure**

In the event of a power failure, all doors unlock automatically. The LED indicator turns off and the user can easily open the door by hand to leave the cubicle, without any resistance.

**(4) Easily accessible control components and drive parts**

If a service is required, all the control components and drive parts are easy for our service technicians to access, so that any repairs required can be carried out quickly and smoothly during operation.



(2)



(3)



(4)



(1)

**Contactless sanitary room concept.** With Look&Wave smart WC partitions, the contactless bathroom has become reality. The transmission of germs and bacteria is a thing of the past - thanks to sensor technology throughout the entire room. The completely flush-mounted front of the non-contact WC partition wall is particularly easy to clean, thereby optimally assisting with hygiene in the touch-free bathroom.



Contact-free opening and closing.



(2)



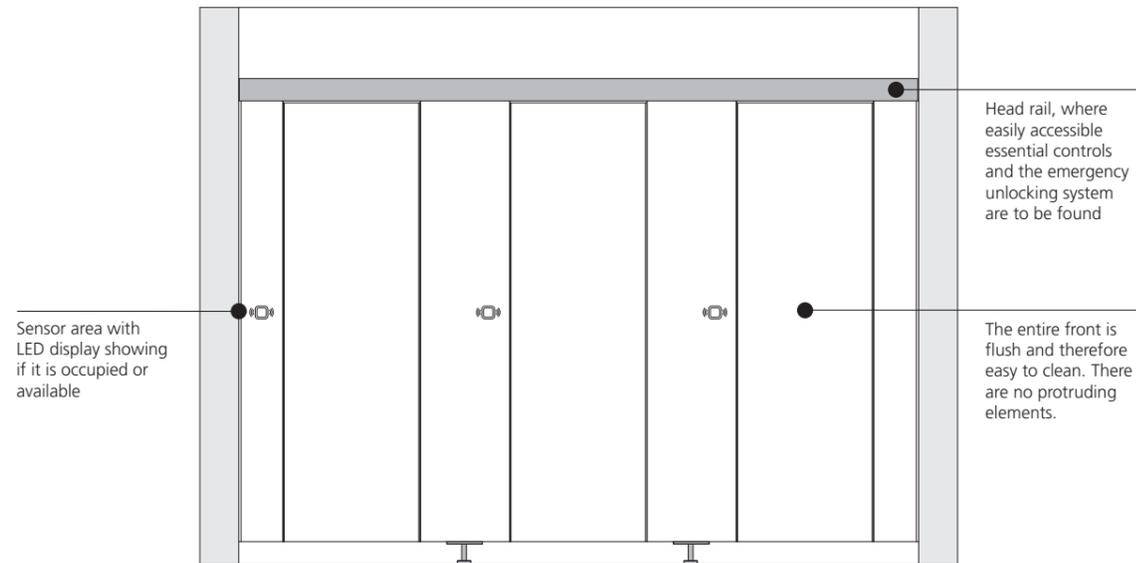
(3)

**(1)** The Look&Wave smart WC partition wall is suitable for damp rooms. It consists of 36 mm-thick sandwich elements with an internal, robust aluminium frame and a 3 mm-thick HPL surface on both sides. It is available in numerous decorative finishes. Support feet offset to the rear allow the system to look like it is floating, with this design making it easier to clean.

**(2)** No need to touch, even when washing your hands: sensor-controlled paper and soap dispensers and contactless taps ensure perfect hygiene. The washbasin unit made of solid surface material has no joins and is easy to clean. The base cabinet with printed glass doors completes the overall impression of hygienic freshness.

**(3)** The urinal and WC can also be flushed with touch-free sensors. The glass wall panelling is easy to clean and visually complements the high-quality sanitary area.

### View of WC partition wall, Look&Wave smart version

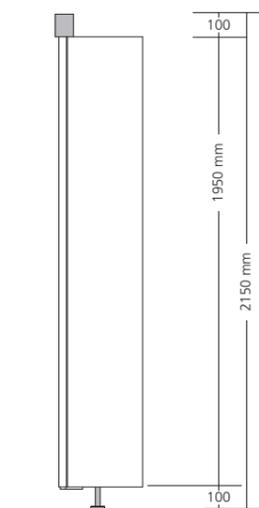


### Power supply WC partition wall, Look&Wave smart version

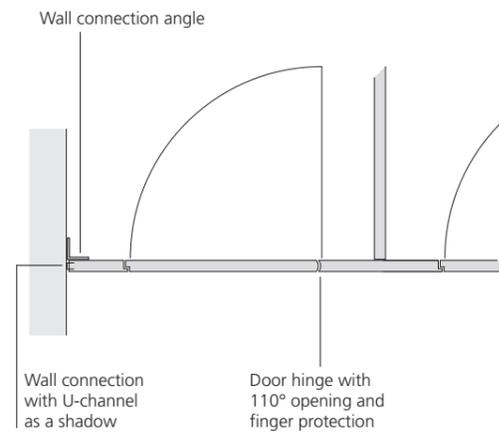
The power supply is provided by the customer and is easy to implement. To this end, a separately fused 230 V supply (circuit breaker B16) is to be made available for every 3 doors. Cables are routed through the top section of the front section and extend to a height of 2,100 mm, and in the axis of the front wall, too. When placing an order, you will receive cable routing tailored to your project requirements.



### Height section of the WC partition wall, Look&Wave smart version



### Detail drawing of the WC partition wall, Look&Wave smart version



As the partition looks like it is floating, it is absolutely necessary to ensure that the front-facing wall components are securely attached. Please refer to our specific technical information on this point.

#### Commissioning

After installation, the operator will be briefed by our skilled technicians. During the briefing, the individual functions of the system are precisely explained, a handover protocol is created and the operating instructions are passed over.

#### Service

Our telephone hotline is open between 6 a.m. and 6 p.m. (weekdays) to assist you. For system failures that cannot be solved in this way, our professional service will come to you within 48 hours (on weekdays).

#### Maintenance

To maintain the operational safety of the Look&Wave system, we recommend taking out a maintenance contract. This will ensure that the system is checked and, if necessary, is adjusted by our qualified service technicians every 18 months. Sensitive components are replaced preventatively. This way we ensure that you and your customers can continue to enjoy this high-quality product. The warranty for the Look&Wave system is primarily governed in accordance with §13 para. 4 VOB/B (German Construction Contract Procedures).

Subject to technical changes.

Stylish and elegant partitioning.

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