

Screening test

Self-adhesive wipe tests (wipe samples) for taking up particulate contamination from wet, damp or dry surfaces according to DIN ISO 2889.

- Large area wipers made of 100% cotton fabric, white.
- Dimensions 160 x 100 mm, corners rounded, suitable in measuring trays with D = 200 mm.
- Wipe test and wipers have an adhesive fabric on the back side for quick attachment.
- Wiper with swivel head, extended length 1.4 m, mounting plate made of aluminium.
- Hand wiper with ergonomic handle, mounting plate made of aluminium.
- Packing:
 Packing unit = 20 pcs. / bag
 Box with 25 bags = 500 pcs. of Screening Tests
 Wiper: separately available



Item no.	Description
111321	Screening Test
111331	Wiper with telescope handle for Screening Tests
112304	Wiper with handle for Screening Tests

Available from stock (subject to prior sale).

Large area Screening Test

The wipe sampler can be used to quickly and easily check a large surface for the presence of wipeable alpha and beta/gamma surface activity. The wipes can be used under dry as well as wet or moist sampling conditions.

The wipe tester is suitable for areas from approx. 0.1 m² to possibly > 1m², depending on the contamination of the surface to be checked.

The upper limit of the area to be wiped results from the dirt absorption limit of the wipe and, when checking for alpha or low-energy beta activity (0.15 -0.4 MeV), due to the self-absorption of the alpha and beta radiation in the wipe sample caused by the dirt cover.

The Velcro strips embedded in the wipe test carrier plate provide a flat wiping surface, which ensures uniform absorption and distribution of any surface activity on the wipe specimen. This also minimizes the aforementioned self-absorption effects caused by punctual accumulations of dirt on the wipe specimen.

The dimensions of the wipe sample of 100 x 160 mm allow an evaluation both with commercially available, portable surface contamination monitors as well as in stationary tray measuring stations with shell diameter from 200 mm.

Depending on the sampling conditions, the evaluation and the measuring task, both qualitative and quantitative evaluations are possible.

Standards to be considered: DIN / ISO 7503 Part 1, July 1990 edition

