



particle-deposition.com

GET A GRIP ON SURFACE CLEANLINESS BY MEASURING DEPOSITION

Particle Deposition Monitor ISO 14644-17:2021

- Large 50 sqcm detection area allows for measurements in very clean environments.
- High detection resolution with mask system allows detection of single particles.
- Real time measurements providing event catching every minute with a resolution of one particle.
- Counting sizing and positioning of all particles on the witness disk.
- Fiber counting and images of all particles on the disk.
- The borosilicate disk can be sterilized in order to measure the ratio between deposition and deposition with a bio content.
- Smallest detectable particle is $\geq 5\mu\text{m}$
- Witness plates in exposure boxes allow data collection without instrument.
- A large selection of reporting values is available such as i.e. PAC, PDR, Illigwert etc. Specials can be done.
- Use cases are automotive industry cleanliness during assembly
- Semiconductor industry monitors deposition during the assembly of machines.
- Space industry safeguards the contamination budget of optical instruments.
- There are several jobs that can be carried out with the use of a PDM system. Even the quality of a wipe can be found in combination with the specific dust you have.
- **Call us** English, Italian





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Exposure box

- Easy to use.
- Dimensions box. LxWxH 19.3 x 19.3 x 7.5 cm
- Weight 0.52 Kg
- ESD safe materials.
- No particle generation in storage area.
- Side ports for hand access.
- Low airflow during opening en closing.
- Drop safe for glass disk.
- Lid can be stowed under bottom part.
- If bumped disk will not come out of box.
- Boxes can be stacked for transportation.
- The boxes are offered without disk.

