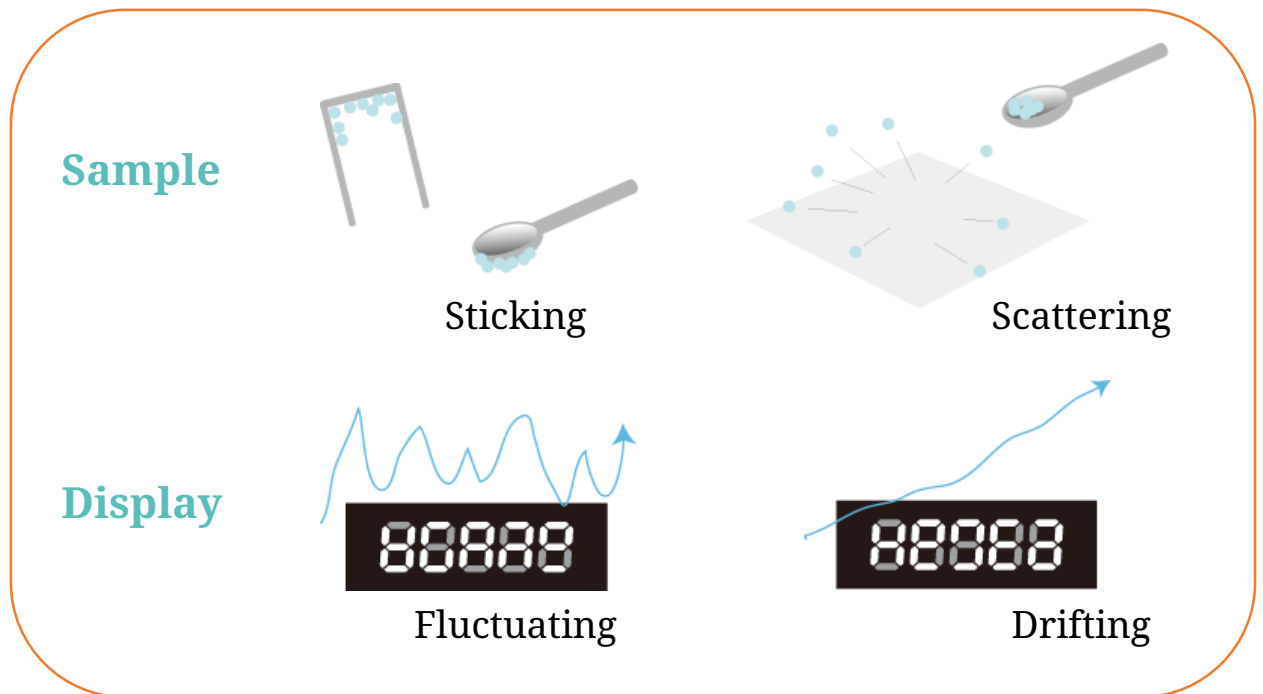


## Common problems caused by static electricity — Which do you want to solve?



Filter papers, disposable weigh boats, plastic centrifuge containers, and even tips of tweezers (if covered with resin) can all become statically charged just from normal handling, making accurate weighing almost impossible. Charged powders can be displaced, resulting in cross-contamination...

**And here's the quickest, easiest way to get rid of such problematic static — without wasting your time and effort!**



AD-1683A External Ionizer

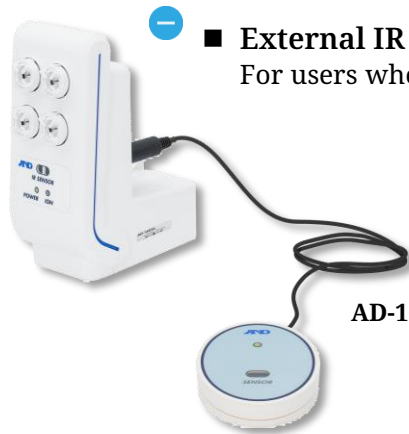
(See the other page and read on)



- **Positive and negative ions generated from the ionizer immediately\*1 neutralize static charges.**  
Four electrode needles also maintain the ambient ion balance.
- **Embedded IR sensor allows touchless ON/OFF control, making static removal more efficient.**  
Discharge time can be set to either Timer mode (3 sec or 10 sec) or Manual mode (arbitrary time). Each ion discharge is accompanied by an LED lamp lighting up and a buzzer\*2 sounding.
- **Ionizer employs the DC method, which requires no fan to deliver ions.**  
The ion discharge will not blow away even extremely fine powders, causing no risk of contamination.
- **External IR switch (optional)**  
For users who want the ON/OFF switch closer to hand.

\*1 In 1–1.5 sec when the target object is within the effective range.

\*2 The buzzer function can be turned off.



AD-1683A with the external IR switch

## Specifications

Ion generation method	Direct corona discharge
Effective range of static elimination	Within approx. 7 cm of the electrode needles
Operating environment	5 to 40°C /41 to 104°F, 85% RH or less (no condensation)
Discharge electrode needles	Tungsten (approx. product life of 10,000 hr)
External dimensions	68 (W) × 128 (D) × 163 (H) mm
Net weight	Approx. 370 g
Standard accessory	AC adapter

## Optional accessories

- AX-BM-NEEDLESET**  
Discharge electrode units (a set of 4 pcs)
- AX-IR-SWITCH**  
External IR switch
- AD-1684A**  
Electrostatic field meter



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