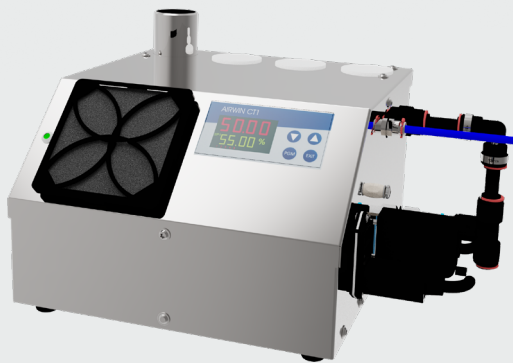


# AD-I-3010/ -3011/ -3012

## ENVIRONMENTAL CONTROL

- precise microdispensing in perfection
- for Autodrop Gantry II positioning systems with hood

### HUMIDIFIER (ARTICLE NO. AD-I-3010)



The use of a humidifier in the field of precise picoliter dispensing serves to control environmental conditions and maintain a constant level of humidity. In such tiny dispensing scenarios, environmental factors are highly sensitive and can significantly impact the accuracy.

A humidifier not only prevents evaporation or ensures that the liquid properties remain constant, but also avoids electrostatic effects and contamination. All in all, a humidifier improves process stability and has resulted in greater accuracy, repeatability and efficiency when dispensing technical liquids.

#### Short Facts:

- adjustable relative humidity of max. 90% ( $\pm 5\%$ )
- through additional reverse osmosis operation with tap water

### LAMINAR FLOW MODULE (ARTICLE NO. AD-I-3011)



The Laminar Flow Module, which will be mounted on top of the housing of the Autodrop Positioning System efficiently provides a particle-free workspace.

#### Short Facts:

- HEPA H-14 filter
- reduced by 99.995% at a particle size of  $0.12 \mu\text{m}$
- adjustable flow rate
- optional remote control

### IONIZATION (ARTICLE NO. AD-I-3012)



This integrated ionization system ensures the precise drop dispensing in a reliable manner. By eliminating electrostatic charges, which can highly influence the dispensing and thus the overall result, not only are dispensing accuracy improved, also resources are reduced. This happens especially by working with plastic substrates like well plates or foils.

#### Short Facts:

- large-scale reduction of electrostatic charge
- mounted at a distance from the surface
- independent of substrate type and form
- adjustable flow rate
- low-maintenance

### LOOKING FOR A SPECIAL SOLUTION?

The standard is not what you're looking for?

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## We are here for you. Contact us.

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