NARISHIGE WEB NEWS

No.076 (June 14, 2013)

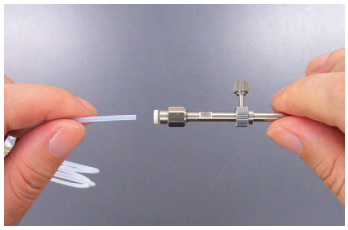
How to Use the HI-8 / HI-9 Pneumatic Injection Holder

Pneumatic injectors are very easy to prepare and maintain as compared to oil injectors. The newly developed pneumatic injection holder also contributes to ease of use. This Web News discusses key features of the pneumatic injection holder.

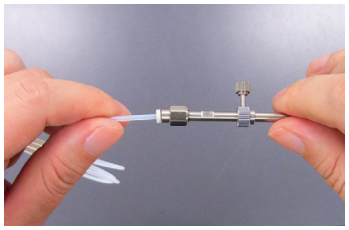
Easy To Connect and Disconnect

The tube connector of the pneumatic injector and pneumatic injection holder (HI-8 / HI-9) both employ a fitting mechanism that allows simple push-fit connection.

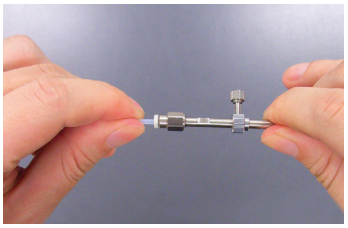
■How to Connect and Disconnect



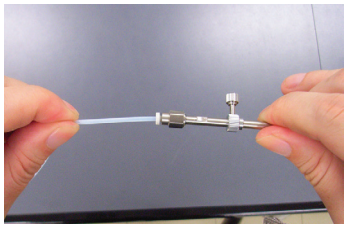
1



2

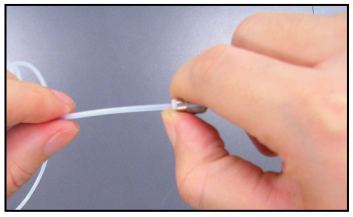


3



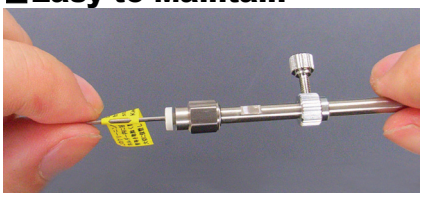
4

1： Hold the injection holder firmly.
2： Insert the tubing into the inlet.
3： Push the tubing to the limit.　(Approximately 1cm.)
4： To complete, pull the tubing to ensure firm connection.



To disconnect the tubing, squeeze the resin connector and simply pull out the tubing.

■Easy to Maintain



Broken pipette glass can be trapped inside the injection holder. The injection holder needs to be cleaned with a cleaning rod. Conventional injection holders need to be loosened with a tool to be disconnected from the tubing. However, the new fitting mechanism allows for quick connect/disconnect of tubing to facilitate cleaning. Also, by changing the fitting to a different diameter, response of the injector can be adjusted.
※For details, please contact us.

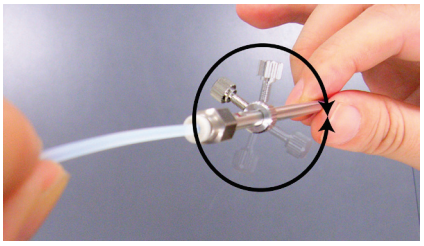
■Easy Pipette Replacement and Cleaning

In the case of oil injectors, a pipette needs to be put in an injection holder very carefully so as not to get thin oil layers. In addition, injector oil could flow out and coat the user's hands. The pneumatic type eliminates these problems.

■Backup Preparation

While using the injector (with specimen in the pipette) and an unexpected problem is encountered, you can quickly replace the injector's main body with a backup unit and continue the work without losing the specimen.

Free of Tension



When the injection holder is rotated by 360 degrees, the tubing still remains free of tension. This feature allows for a minute adjustment of the pipette in the rotated direction without interference from twisting force.

If you have any questions or need further information, please contact us.

Narishige Group Website

URL: http://narishige-group.com