

Cleaning instructions for holoor's lenses

General: Holoor's items are being sent in a clean condition and ready for use.

In case that the item for some reason became dirty, please use the below instructions in order to clean the item. Also, please understand that by entering a dirty item to your machine there is a chance that the dirt will burn and that you will not be able to clean it properly.

Needed equipment for cleaning:

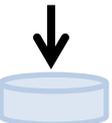
	Equipment	Application
1	Nitrogen high pressure gun	The nitrogen blows any dust / fibers that might have dropped on the surface (nitrogen is cleaner and drier than air)
2	Plastic tweezers	With the tweezers one can pick the items and move them from place to place
3	Clean acetone	Acetone cleans the items from "sticky" dirt
4	Big napkin (9"X9") TX 609	To be used to clean the items from "sticky" dirt
5	Gloves / finger cots powder less	You must always use gloves / finger cots when touching the items. Directly touching might transfer grease from your hand to the item.

Before cleaning, please prepare a suitable environment:

1. Spread on a clean desk two large napkins, one on top of the other, so that the surface will be relatively soft.
2. Prepare plastic tweezers nearby in order to pick the items you wish to clean.
3. Prepare an acetone washing bottle within your reach.
4. Prepare nitrogen high pressure gun within your reach.

During cleaning and handling the items, you must wear gloves / finger cots (powder less)

Cleaning instructions:

- **In case that the dirt is dust**, use the nitrogen high pressure gun in order to blow the dust away. Way of use: place the item on the napkins that you have previously prepared (use the plastic tweezers to pick the item), keep holding the item using the tweezers while kept on the napkin and use the high pressure nitrogen gun. Only use the gun when its perpendicular to the item. 
- **In case that the dirt is sticky** and won't come off using the nitrogen gun, spill some acetone on the edge of the napkin (the napkin needs to be wet and not just moist), place the dirty side of the item on the wet napkin and using the tweezers drag the item from the wet side towards the dry side (use a minor pressure to insure that the item and the napkin are in contact). Now use the nitrogen high pressure gun to blow away any dust that might have caught during the process. If the item is clean you can now use it in your system, however, if it is still dirty, repeat this cleaning process again.
- **Water patches (might be caused by speaking, sneezing, coughing...)** can be removed by cleaning with water. Wet the napkin edge with Distilled water and do the same cleaning process as in the acetone cleaning - put the item on the wet napkin and drag towards the dry side, after cleaning with water repeat with acetone and finely dry and blow any dirt using the high pressure nitrogen gun, and if not clean yet, repeat the process.

Good Luck
Lab Staff
[Holo/Or](#)

