

Nanoject 3 (3-000-207) Troubleshooting

Please contact Drummond if you need further assistance

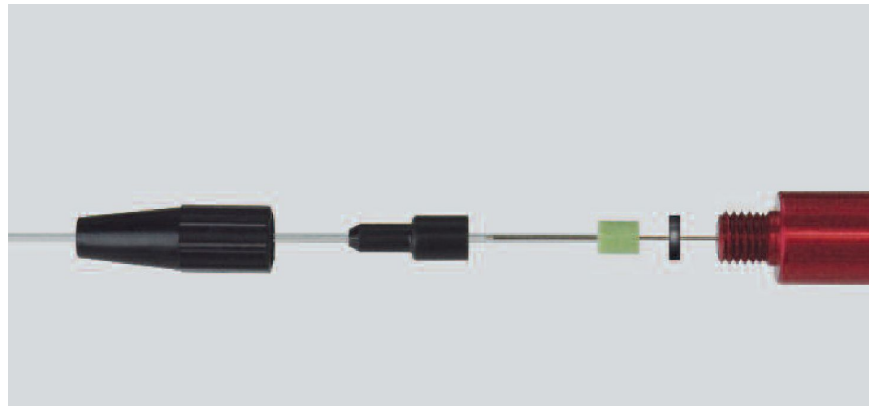
1-800-523-7480 or service@drummondsci.com

Servicing the Unit

There are only two common service functions that the end user will perform. (1) Replacement of seal/chuck/collet and (2) replacement of the wire plunger.

**ANY ADDITIONAL SERVICE FUNCTIONS SHOULD BE PERFORMED BY DRUMMOND SCIENTIFIC.
UNAUTHORIZED TAMPERING CAN VOID WARRANTY.**

After a period of time or heavy use, some leakage of oil during injection might be observed. To correct this, the green (3-000-030-S) and black seal (3-000-030-BLK) must be replaced; extras are provided with purchase of your Nanoject. This step is critical for proper operation. ***Note that the green seal should only be removed when replacing***. The green seal will fit tightly inside the chuck, creating a secure fit/seal).



Replacement of wire plunger

To change the wire plunger (3-000-000-207) remove the collet and all collet components. Hold the motor housing and unscrew the aluminum barrel. Once free, pull off. You will see a brass fitting with two Allen screws. Unscrew these with the wrench provided in parts kit #3-000-030-K. Remove old plunger and place new one in fitting, bottoming it out. Tighten the screws evenly making sure wire is seated fully and straight. Replace aluminum barrel, collet and seals.