

Bruker ALPHA II FTIR DRYING GUIDE

1. Make sure the FTIR is connected to the laptop
2. Open internet explorer on laptop
3. Enter web address in search bar: <http://10.10.0.1/> or the address assigned
4. Select Service
5. Select Full Report
6. Find the relative humidity: it should always be under 30%.
7. If humidity is over 30%, follow steps to dry or replace the desiccant bags.
8. Disconnect FTIR power supply
9. Disconnect network cable from FTIR
10. Wait until the FTIR has cooled completely
11. Loosen the 4 screws of the rear cover using a screwdriver
12. Remove the used desiccant bags: make sure to not cut or tear the bags
13. Reattach the 4 screws and close the cover
14. Place the bags in a plastic bag to carry to a location where there is an oven
15. Place the used bags on a tray in an oven at 130°C or 266°F for at least 10 minutes.
16. Do Not use the FTIR while desiccant are removed
17. Once dried, reinsert the bags into their slot
18. Loosen the 4 screws of the rear cover
19. Fold bags onto themselves, and reinsert them into their slots
20. Reattach the 4 screws and close the cover
21. Connect power supply and connect to laptop
22. Follow steps 2-6 to run another full report to check if the humidity is in the appropriate range
23. Wait approximately 2 - 24 hours if humidity is still over 30%
24. Repeat steps if needed