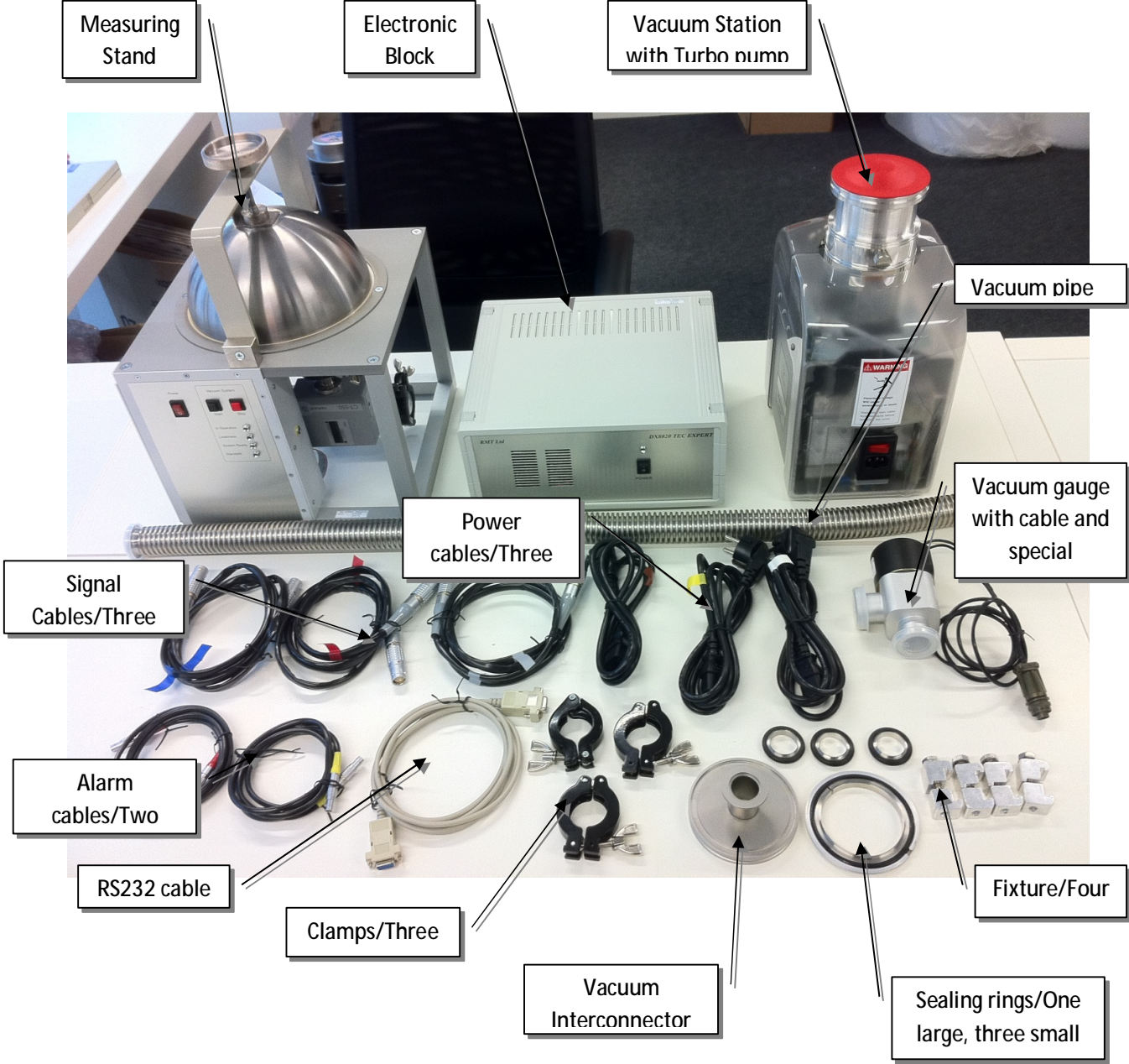


DX8020
ASSEMBLING INSTRUCTION

Moscow 2010

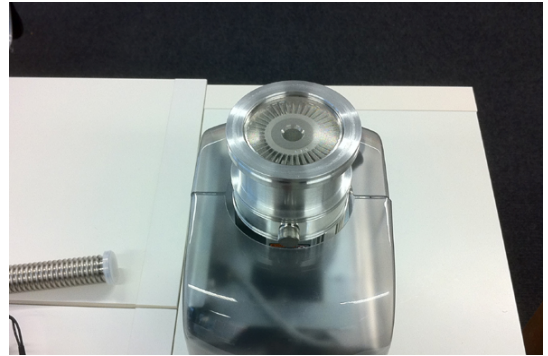
Complete set of DX8020



1. Take Vacuum Station



2. Remove cover from top



3. Put large vacuum seal ring

Seal ring



4. Put vacuum interconnector



5. Mount interconnector with use of four vacuum fixtures

Fixtures



- Put small vacuum seal ring

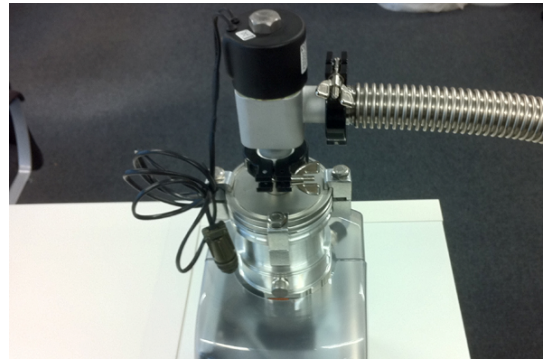
Seal ring



- Mount vacuum valve with use of vacuum clamp



- Connect vacuum pipe with use of vacuum clamp

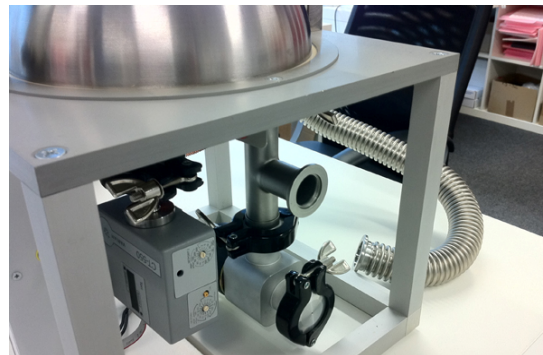


- Place vacuum stand near vacuum pump station

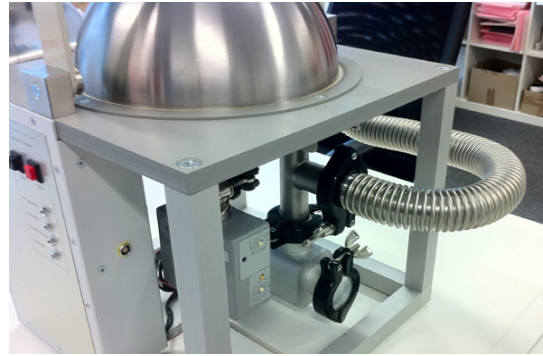
Cover



- Remove cover from flange of vacuum pipeline



11. Connect other side of vacuum pump to flange onto measuring stand



12. Take cables:
Three signal cables marked red, gray and blue



13. Two alarm cables marked yellow and red



14. Three power cables marked brown, white and yellow



15. RS232 cable



16. Last cable with special connector is already mounted to vacuum gauge

Cable with special connector



17. Take electronic block. Back side.
Connect yellow alarm cable



18. Connect red signal cable



19. Connect gray signal cable



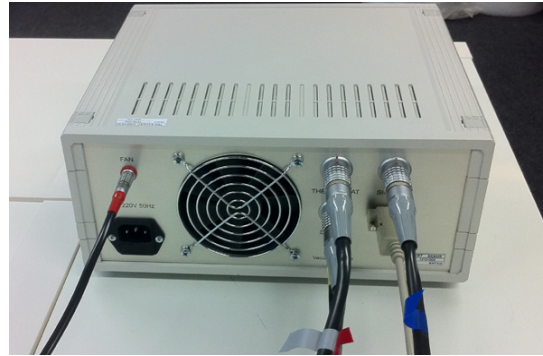
20. Connect RS232 cable



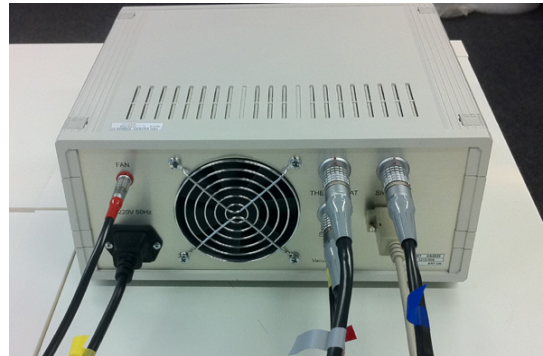
21. Connect blue signal cable



22. Connect red alarm cable



23. Connect yellow power cable



25. Connect white power cable to measuring stand



26. Connect brown power cable between vacuum pump and measuring stand



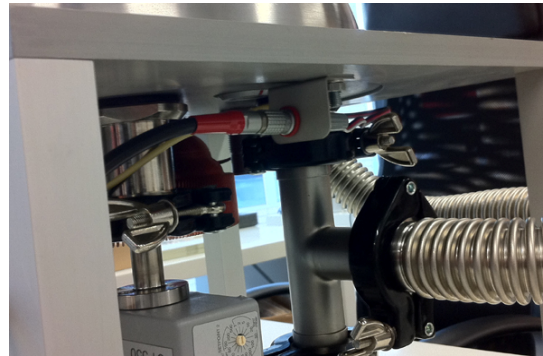
27. Connect cable with special connector of vacuum gauge to measuring stand.



28. Look and the left of front of measurtinmg stand. Connect yellow alarm cable



29. Look and the left of front of measurtinmg stand. Connect red alarm cable



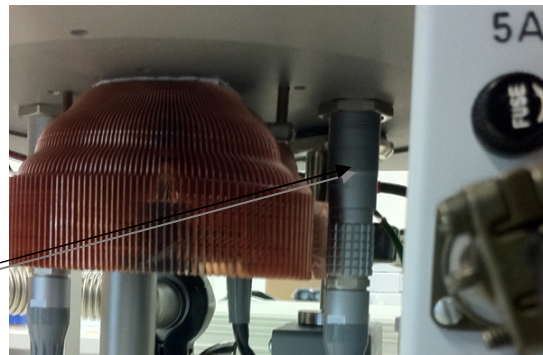
30. Look from bottom of measuring stand. Connect blue sygnal cable as shown

Connector for
blue cable



31. Look from right side measuring stand. Connect red sygnal cable as shown

Connector for
red cable



32. Look from bottom of measuring stand.
Connect gray signal cable as shown

Connector for
gray cable



33. The DX8020 system is completed. Connect it to
power supply by white and yeallow power cables.



34. Switch On Electronic Block

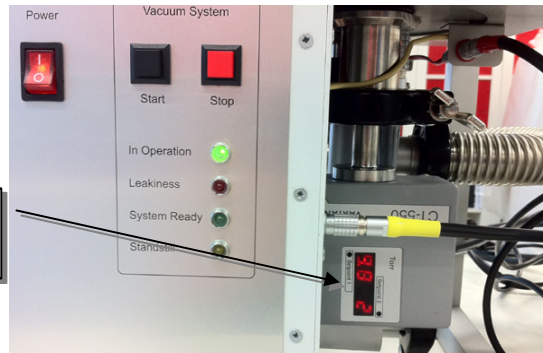


35. Switch On Measuring Stand.
Puch "Start" button. Vacuu pump will start
working



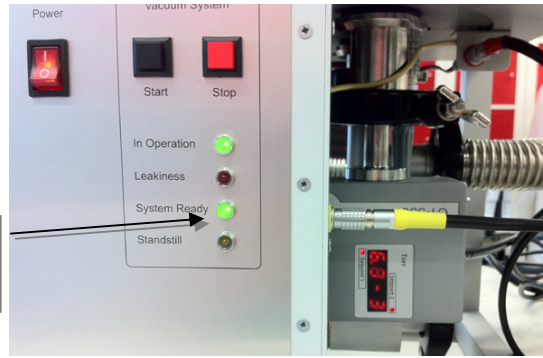
36. Look at the screen of vacuum gauge to monitor
vacuum inside measuring chamber

Vacuum
gauge



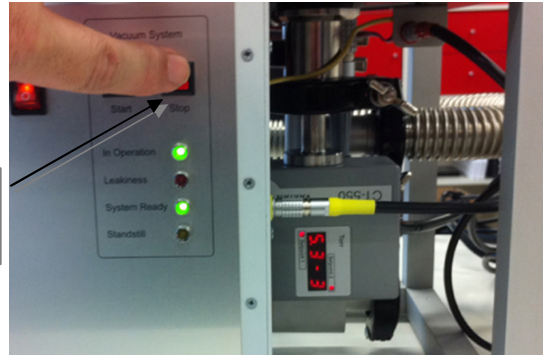
37. At vacuum about 5×10^{-3} top system is ready for operation (measurements).
Look into Device Manual for order of operation.

System ready LED



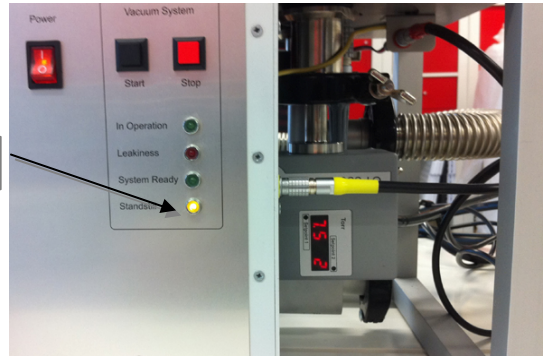
38. After finish of working to stop system:
Push "Stop" button for few second...

"Stop" button



39. ... until yellow LED will light.
Vacuum pump will finish working – stopping of turpo pump rotation.

Yellow LED



40. Switch Off Measing Stand and Electronic Block