DX8020
ASSEMBLING INSTRUCTION

Moscow 2010
Complete set of DX8020

- Measuring Stand
- Electronic Block
- Vacuum Station with Turbo Pump
- Vacuum pipe
- Vacuum gauge with cable and special connector
- Signal Cables/Three
- Alarm cables/Two
- RS232 cable
- Precipitation clamps/Three
- Power cables/Three
- Power cables/Three
- Fixture/Four
- Vacuum Interconnector
- Sealing rings/One large, three small
1. Take Vacuum Station

2. Remove cover from top

3. Put large vacuum seal ring

4. Put vacuum interconnector

5. Mount interconnector with use of four vacuum fixtures
6. Put small vacuum seal ring

7. Mount vacuum valve with use of vacuum clamp

8. Connect vacuum pipe with use of vacuum clamp

9. Place vacuum stand near vacuum pump station

10. 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

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.


29. Look at the left of front of measuring stand. Connect red alarm cable.

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

31. Look from right side measuring stand. Connect red signal cable as shown.
32. Look from bottom of measuring stand. Connect gray signal cable as shown.

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

34. Switch On Electronic Block


36. Look at the screen of vacuum gauge to monitor vacuum inside measuring chamber.
37. At vacuum about $5 \times 10^{-3}$ topp system is ready for operation (measurements). Look into Device Manual for order of operation.

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

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

40. Switch Off Measuring Stand and Electronic Block