

SCANNING TUNNELING MICROSCOPE

ASSEMBLY INSTRUCTIONS FOR NANOSCOPE II

- 1) Set monitor #1 on top of the electronic unit in the middle of the table.
- 2) Set monitor #2 on top and back of the computer, on the right side of the table.
- 3) Set the keyboard on top and front of the computer.
- 4) Set the scanning head on gel pad and put them on the platform, on the left side of the table.
- 5) Plug all power cords together per assembly diagram and plug power strip into electric outlet.
- 6) Plug the keyboard cord into the back of the computer.
- 7) The serial cables are color coded with markings on the cables matching the colors above each serial port.
- 8) Plug the black serial cable from monitor #2 into “black” serial port on the back of the computer.
- 9) Plug the “red” serial cable from monitor #1 into “red” serial port on the back of the computer.
- 10) Plug the “green” serial cable from monitor #1 into “green” serial port on the back of the computer.
- 11) Plug the black end of the ribbon cable into the front of the electronic unit and the blue end into the scanning head.
- 12) Suspend bungee cords, as necessary, from a secure point in the ceiling.
- 13) Fasten onto chain at the bottom of the bungee cords.
- 14) Hook the chain onto the top of the platform unit so that the bottom of the platform is about ½ to 1-inch above the table.
- 15) Set the fiber optic light so that it will illuminate the scanner (without the housing).