

FX 3000-IV: Adjustment of the bypass valve

The bypass valve allows a small amount of air to escape from the pressure system, thus enabling an exact control of the test pressure.

Adjustment procedure of bypass valve:

- 1) Close the bypass valve by rotating the knob of the bypass valve to the right side until you feel a slight resistance
- 2) Open the bypass valve approximately 5 revolution
- 3) Select the dynamic test method and select a gradient of 10mbar/min.
- 4) Fill the system completely with water and insert a thin plastic foil instead of a test sample
- 5) Start the test and check, if you have a smooth increase of the test pressure, at least above 3mbar.
- 6) Stop the test below 50mbar in order not to burst the plastic foil.

