Adjusting Internal Pressure of Cameras K-70 + K-70L
The camera's internal pressure should be 1.0 bar. At no time should the pressure fall below 0.5 bar or rise above 1.25 bar. This ensures that neither liquids nor dirt can penetrate the camera head.

Heavy fluctuations in temperature result in camera pressure fluctuations. If the pressure falls quickly ***during*** an inspection, abort it immediately and turn off the base unit. If loss of pressure exceeds 0.2 bar/day at a constant ambient temperature, contact the manufacturer without further delay.

NOTE

Always hold the tiltable camera module with one hand, so it does NOT turn. Otherwise the camera motor may be damaged.

Adjust the internal pressure of the camera by means of the supplied air pump.

1. Removing cover
Remove the camera cover using the key mounted on the air pump (fig. 1).
Turn the cover counterclockwise.

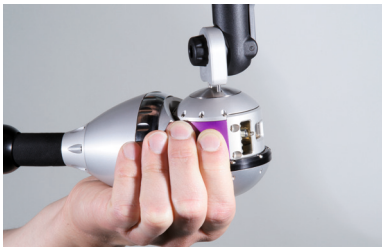

fig. 1

2. Increasing internal pressure
Carefully pump air into the camera head (fig. 2). Be sure that the base unit is turned on during pumping, so the pressure display on the monitor can be watched at all times and the permitted internal pressure will not be exceeded.

fig. 2

3. Decreasing internal pressure
If the internal pressure exceeds 1.25 bar, it has to be reduced. ***Carefully*** push a sharp object in the valve opening (fig. 3) and the air will escape. Decrease the pressure only with the base unit turned on, so the pressure display on the monitor can be watched at all times.

fig. 3

4. Mounting cover
Hand-tighten the cover on the camera by turning it clockwise (fig. 1).

NOTE

Mount the camera cover immediately after adjusting the internal pressure. Otherwise, dirt and moisture may penetrate the valve and thus get into the camera during the next pumping process. This may destroy the camera!