



**Radnoti Micro Sensor with Amplifier Luer Type
159905**

Setup:

Connect 8 pin power supply connection to amplifier.
Connect output BNC connector to recording device.
Plug sensor connector into amplifier.

Calibration:

Make sure to let the amplifier warm up for about 10 minutes before calibration.

The output of the amplifier is 0 to about 3.2 volts full scale. This allows for precise calibration of 10mv/mmHG.

1. Connect a pressure calibration bulb and gauge to the pressure transducer.
2. Turn the Gain control fully clockwise.
3. Zero the amplifier to about 000 on the readout using the Offset control.
4. Inflate the system to 150mmHG and hold.
5. Turn the gain control until the display shows 150.
6. Deflate to zero and readjust to 000
7. Inflate again to 150mmHg and readjust Gain.
8. When pressure is at zero the readout should show 000 and when at 150 the readout should show 150.

Handling:

The tip of the fitting is filled with a pressure transferring gel. It is important not to disturb this gel as it may degrade the performance of the transducer.

It is very important not to drop the fitting on its open end. At the tip of the fitting there is a small glass housing that may be damaged.

