

RMN-204 Respiration Monitor

Overview

The RMN-204 Respiration Monitor is used to measure the relative depth and frequency of breathing in a human subject.

Photo



Specifications:

| <i>Specifications</i> | |
|-----------------------|---------|
| Voltage output | +/- 5 V |
| | |

Operating Instructions:

1. Plug the IX-MYDAQ into the NI mydaq. Plug the mini din 7 end of the RMN-204 into CH 1 or CH 2 of the IX-MYDAQ.
2. Take the RMN-204 and hold the belt up, it should be orientated so that the pouch velcroed to the belt is facing the subject. Place the sensor so that it is resting on the subjects sternum and wrap the belt around the subject. The belt should be tight enough to resist falling, but not so tight as to restrict the subjects ability to breathe comfortably.
3. Plug in the USB cable and set the input range of the channel being used to +/-5V.
4. Record and monitor the subjects breathing. As the subject breathes in the voltage should rise, and as the subject breathes out the voltage should fall.



