Use special air hose with snap-on fitting at either end.

Frequency of pipe A is 320 per sec. Frequency of pipe B can be varied, by the screw, over the range $320 \pm 8$ per sec. One turn of screw changes frequency 1 per sec. (When tuned essentially to unison, there is significant coupling between pipes.)

To show beats on oscilloscope, set microphone near pipes, and connect to projection oscilloscope. Set oscilloscope in front of lecture table and project trace on screen. Satisfactory settings of the oscilloscope controls are as follows, for 6 to 8 beats per sec:

- **Sync Amp**: +10
- **Y Sel**: AC Amp
- **Sync Sel**: Int
- **Calib**: Y Input
- **Y Amp**: 100
- **Y Atten**: 1
- **Sweep Ver**: 12
- **Sw-Time**: 0.5 s - 50 ms
- **X Sel**: Recurr Sw
- **X Amp**: 50
- **X Atten**: 1