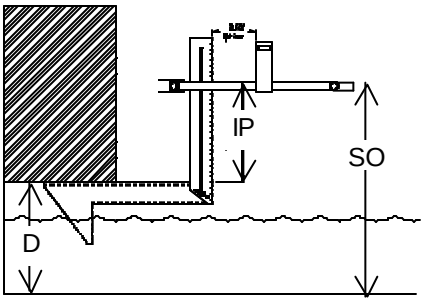


**Measure from top inside of pipe to top of frame then add pipe diameter to get sensor offset *or* measure from the top of the frame to the bottom of the pipe.**

# Determining sensor offset

Sensor offset (SO) is the distance from the top of the mounting frame to the bottom of the channel.

Sensor offset needs to be entered into the Flo-Ware software during initial set-up for a given site. This information is downloaded to the monitor in order to determine the level of Sensor offset can be measured directly from the top of the mounting frame to the bottom of the channel. A sturdy, thin rod may be helpful. It is important that this measurement be determined as accurately possible. It is a good practice to double-check this measurement.

In situations when it is not practical to measure to the bottom of the pipe, an alternative method using the Flo-Tractor is described below and shown in the adjacent figure.

1. Assemble the Flo-Tractor into an "L" configuration.
2. Position the Flo-Tractor pointer section under the lip of the pipe in at least six inches to form a firm base.
3. Adjust the vertical extension length of the Flo-Tractor at the base to fully extend beyond the frame clamp.
4. Check that both sections of the Flo-Tractor are flush at the base (zero inches). When the extension is fully upright at 90 degrees, tighten the wing nut.
5. Slide the pointer section along the inside pipe until the top of the extension is approximately 3 ¾ inches away from the upright.
6. Record the height measurement from the inside of the pipe (IP) to the top of the frame.
7. Add this measurement to the pipe diameter (D) to get the Sensor Offset.
8. Record the sensor offset value. This value will be entered into Flo-Ware set-up for this site.