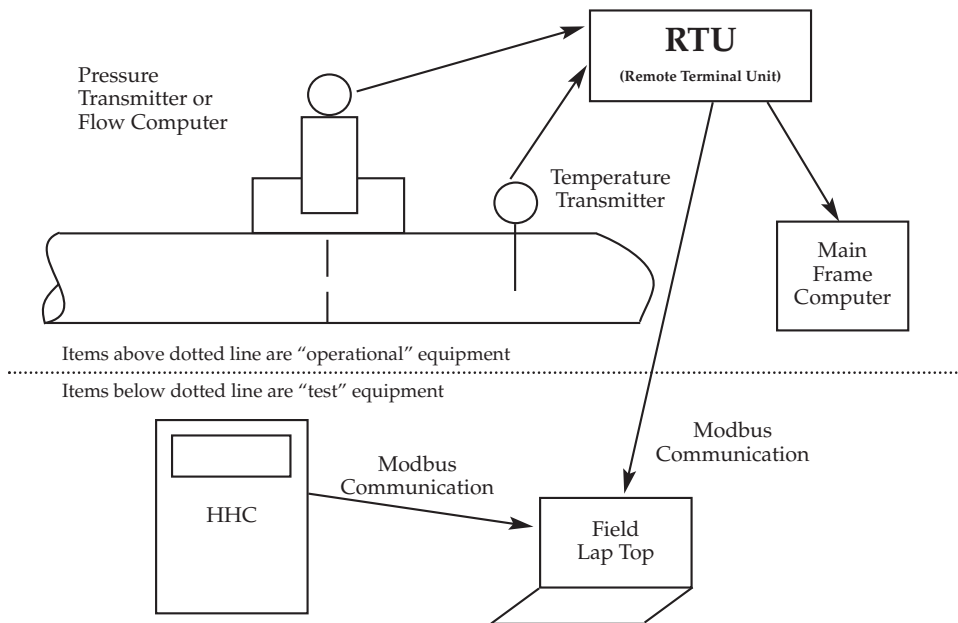


**PRODUCT INFORMATION**

**GAS TRANSMISSION APPLICATION**

- Key Measurements
  - d/p pressure across an orifice plate with pressure transmitter
    - pressures typically 200" to 300" H<sub>2</sub>O
  - static pressure in line with pressure transmitter
    - pressures typically 1000 psi to 2500 psi
  - temperature with temperature transmitter
    - temperatures typically ambient to below ambient



1. During routine operation, a pressure transmitter and temperature transmitter send data to an RTU which sends data to remote main frame computer. This documents ongoing flow through the pipeline.
2. The transmitters/RTU must be routinely checked for accuracy.
3. To test for accuracy, the field technician will typically take the unit "off line" and inform the main frame to use the last "readings" until testing is complete.
4. The technician will check the pressure and temperature readings with our HHC and input the data into his lap top (via modbus communications). These will be compared with the readings being sent to the lap top from the RTU.
5. As found readings will be taken.
6. Any necessary adjustments will be made.
7. As left readings will be taken.
8. The unit will be returned to on line service.

## KEY PTE FEATURES FOR GAS TRANSMISSION COMPANIES

- FM Approval
- RTD Module
- .025% F.S. Accuracy Including Temperature

Note: Key ranges important to these customers are:

- 10 psi
- 200" H<sub>2</sub>O isloated sensor
- 1000 psi, 2000 psi, 2500 psi

- Modbus Communications