

To calibrate the meter a micro-gauge or inclinometer is required having a minimum scale reading of not more than .01" water. It should be remembered that:

For Any Chart Reading, the Corresponding Differential

$$= \left( \frac{\text{Chart Reading}}{\text{Maximum Chart Reading}} \right)^2 \times \text{Maximum Meter Differential}$$

= "h" inches (water).

Charts are so chosen that with the designed orifices, pipe runs, etc., the application of simple multipliers to the chart and integrator readings will give directly the rate of flow or flow respectively for the specified operating conditions. Correction factors for static pressure, temperature, specific gravity, etc. are required when the actual operating conditions differ from the specified conditions.

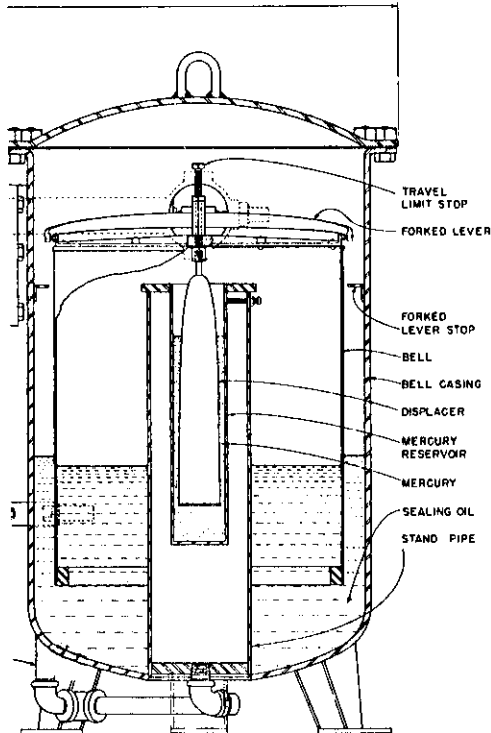
Because of the size and weight of the bell and casing, it is not convenient to mount the meter on a panel, board or wall. Feet are provided for mounting on a platform or pier.

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(Sectional View of Bailey type "CG" Flow Mechanism)