

Such a small solution
to a big problem!

global weighing technologies



PanCake[®] Level Cell

"The PanCake®."

Level control for accurate inventory

Level control

This is the perfect solution to all your level control requirements: GWT's revolutionary PanCake® technology for level-by-weight applications. This system is extremely durable for utmost precision in virtually all applications, and is independent of material properties and environment. Retrofitting is fast and easy. PanCake® technology is tried and tested in many installations, and available at an affordable price.

Extremely accurate

Conventional level control instrumentation can lead to errors of 5% and more. In extreme cases this could result in interruption of the associated process. New PanCake® level-by-weight technology gives accurate readings better than 1% in "real-life" applications over a complete range of capacities up to 50t net content.

Exceptionally price competitive

The PanCake® system offers not only great technical advantages, it also offers exceptional value for the money. Compared to ultrasonic or radar systems savings of up to 50% are possible.

PanCake® is a registered trademark of Sartorius Corporation.



"The PanCake®."

Reliable, durable and economical

Extremely reliable

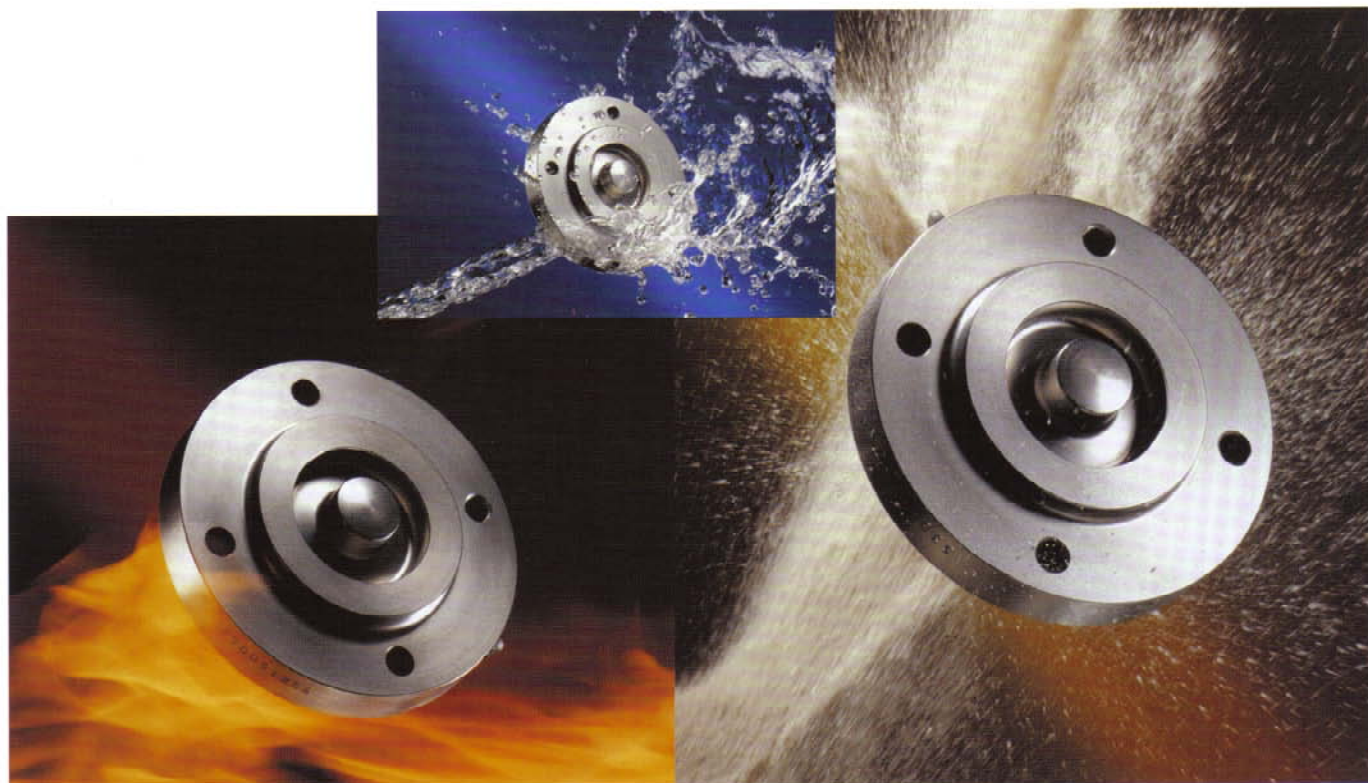
The tough, durable design of sensors and the use of high quality materials lead to unequalled reliability, even under harsh industrial conditions. Maintenance or recalibration is rarely required, except in case of mechanical changes to the vessel.

High quality

The high quality sensor maintains calibration for years, without drift or creep. The stainless steel housing is hermetically sealed by welding and complies to the highest rating (IP68) for 10,000 hours at 1.5m (5'), equivalent to NEMA 6.

Economical

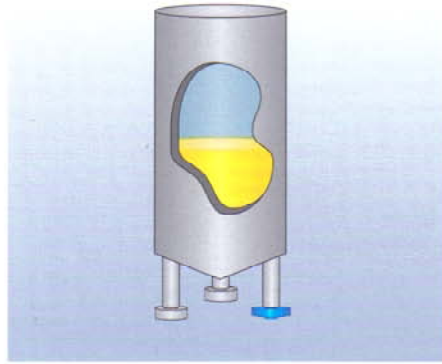
PanCake® technology: extremely accurate, with competitive pricing, it is easy to use, durable, and maintenance-free—a true bargain—from GWT!



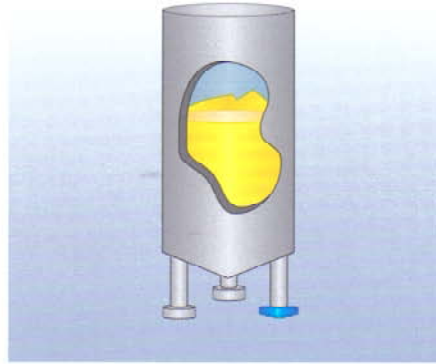
Precise for all materials

The new PanCake® level-by-weight technology determines the actual content of a vessel directly in kilograms or lbs.

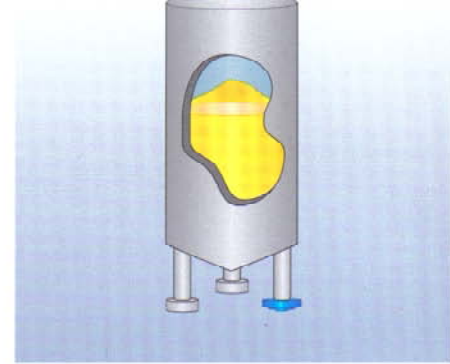
It provides reliable readings independent of the material measured. One sensor for all materials.



Example 1:
Formation of foam and bubbles, phase transition and evaporation may affect others, but not PanCake®.



Example 2:
Material sticking to the wall of a vessel, variable moisture content and deviations in particle size, but PanCake® gets it right.



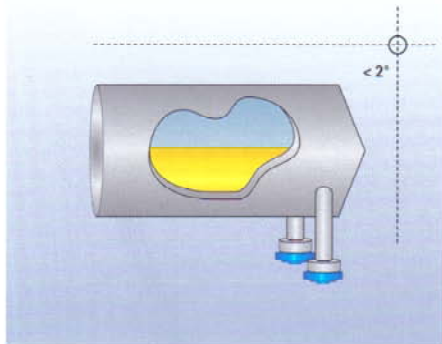
Example 3:
Material cones from filling or discharging, but cannot compromise readings of PanCake®.

Easy to install

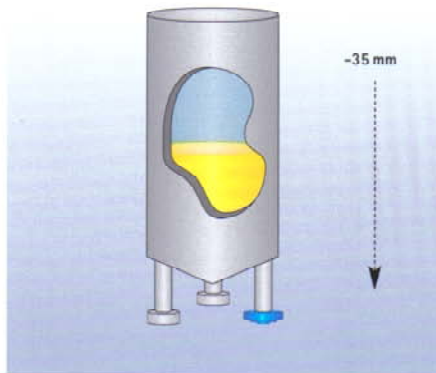
It's that simple and straightforward: just lift one leg of the vessel for a little more than an inch, slide the PanCake® into the gap, setup is ready, in many instances without even

additional mounting kits or complicated mechanical conversion of the vessel, or changes to the pipework.

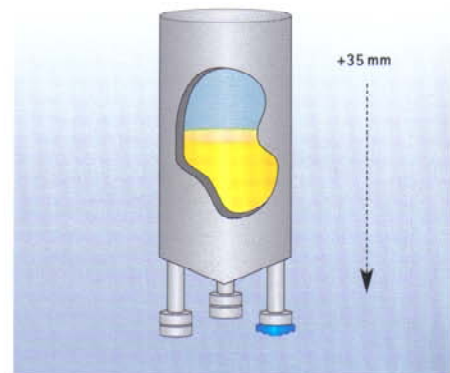
Easy to start up. No calibration weights required.



Example 1:
The vessel is lifted at one side only. The resulting inclination is in many cases small enough not to disturb the readings.



Example 2:
One leg of the vessel is just shortened by an inch. No inclination occurs.



Example 3:
The vessel is lifted leg-by-leg, one leg to be supported by a PanCake®. The other legs are leveled out by simple shimming plates.

Note: Use one PanCake® only for vessels with three legs, or two for vessels with four legs.

