In private and public wastewater treatment systems, the trend goes towards new fully biological wastewater treatment plants with concrete or plastic container and to conversion of existing plants to full biological treatment. Private and municipal owners of wastewater treatment plants are obliged to leak detection.
Hydrocont SN50 as test device

For this purpose, one developed a system in which the Hydrocont SN50 ACS-CONTROL-SYSTEM GmbH plays the most important role.

With the help of a surveying tripod and a specially designed plastic bracket the Hydrocont SN50 is immersed (2100 mm pipe extension) just below the water surface in the plastic or concrete tanks of sewage treatment plants. There, the pressure or the fill level is measured by the Hydrocont SN50 about 30 minutes. By the constant pressure it can be determined whether the container is sealed or whether it has leak(s).

Using the Bluetooth interface, the measurement values are exported and finally a measurement record is created for the customer.