



# HortiMaX Irrigation Checker

- Automatically monitors dripper water output
- Provides maximum control over glasshouse irrigation
- Saves time and prevents errors in irrigation application

# Accurate irrigation monitoring



Manually checking the irrigation volume applied with measuring cups, buckets or beer bottles is now truly a thing of the past thanks to the HortiMaX Irrigation Checker. Methods such as these generally yield inaccurate results. Moreover, since these methods tend to be carried out irregularly, they not only lead to fewer errors being discovered, but also those that are, are usually not found until it's too late. The Irrigation Checker is a unique and affordable solution which shows you precisely how much water your plants have received. The Irrigation Checker measures the irrigation volume using a reference dripper, allowing you to effectively monitor the distribution of water during each irrigation cycle or over an entire period. This not only saves you a lot of time, but also lets you manage irrigation with greater efficiency and accuracy.

## Automatic and continuous measurement

By checking the drippers, you can determine whether a sufficient amount of water is being fed into a valve section and whether the water output of the drippers matches the pre-set volume. Using the HortiMaX Irrigation Checker you'll never again have to check the drippers manually. The Irrigation Checker is a unique invention that eliminates the need for measuring cups, scales and beer bottles. Once connected to your environmental control computer, you're provided with a continuous graphical display of the irrigation data.

## Sonar

The HortiMaX Irrigation Checker uses sonar technology. Ultrasonic sensors not only provide extremely accurate measurements, but also need virtually no maintenance since they lack any moving parts. The sonar is attached to the top of a sealed PVC cylinder, which contains the reference dripper. The environmental computer compares the amount of water in the cylinder with the pre-set irrigation volume to be applied by the dripper. A submersible pump ensures that the water in the cylinder is drained on a daily basis.

## Reliable and affordable

The HortiMaX Irrigation Checker is not only robust and extremely reliable, but it's also highly cost-effective. This enables every valve section to be equipped with an Irrigation Checker, so you can quickly identify equipment problems, such as a valve that is closed, leaking or not operating correctly. The system can also be fitted with an alarm which is triggered if the measured value differs too much from the desired value.