



Priva Nutriflex

Smart, flexible and accurate fertilizer dosing



Precise application of water and nutrients is critical for good crop performance. The Priva NutriFlex ensures that crops are provided with the correct fertilizers at every watering. This ensures optimum growth: higher yields, improved colour and flavour, longer shelf life and increased disease resistance. Practical experience has shown that with the use of the Priva NutriFlex, a higher yield per m² is reached.

Why use Priva Nutriflex?

Safe and reliable

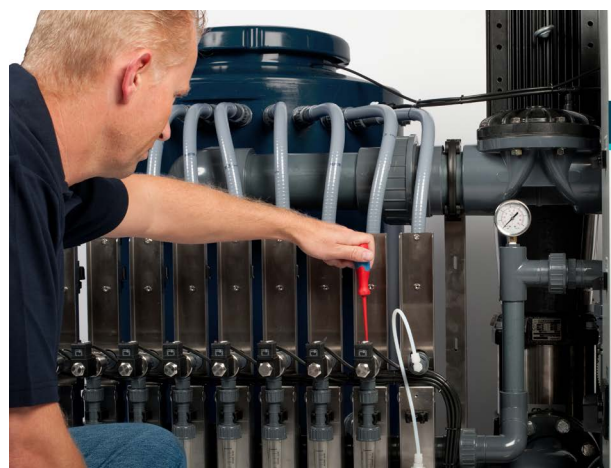
The basic principle is simple. Fertilizer tanks are connected to the Priva NutriFlex. These contain soluble fertilizers dissolved in water. The dissolved fertilizers are injected into the NutriFlex mixing tank, where they are mixed with water and evenly pumped to the crop. The NutriFlex can mix a maximum of ten solutions simultaneously, e.g. nine fertilizer solutions and one acid/lye solution. The dual EC and pH measurements provide maximum reliability. The entire process can be controlled by a Priva process computer and possibly by other process controllers. The operating system for the NutriFlex is available in a variety of languages.

Flexible and efficient

The NutriFlex can be used with overhead or drip irrigation and ebb and flood systems. The acidity can be adjusted with acid or lye. This makes the NutriFlex extremely suitable for applications of soilless growth systems. The system is available in a range from 10 up to 80 cubic metres per hour. Within these capacities, a number of system pressures are available. The Priva NutriFlex is easy to integrate into existing configurations and provide efficient solutions for any size of business. With deployment of the Priva NutriFlex, an increase of 15% in production can be realized.

Durable and low maintenance

NutriFlex systems are extremely durable and require very little maintenance. The system is made of stainless steel and sustainable plastics, with minimal moving parts as a result of using venturi dosing.



Advantages of Priva Nutriflex

- Efficient fertilizer dosing for all types of crops
- Flexible choice in pump and number of fertilizers
- Accurate and reliable
- Long shelf life
- Compact system
- Constructed from durable materials
- Fault tolerance
- Various expansion options
- Lowest cost per m³



General specifications

- Dosing in a mixing chamber
- One or two mixing chambers with up to 5 dosing channels each
- Capacity 1-80 m³/hour in In-line layout
- Capacity above 250 m³/hour in By-pass layout
- Efficiently recipe exchange by small volume
- Dual EC and pH measurements for maximum reliability
- 1-10 dosing channels; 100, 300 or 600 litres/ hour
- Optional EC pre-control (measurement & butterfly control valves)
- Optional post-filtration (75, 100 & 130 micron)
- CE and CSA/UL certified units

Main functions

Irrigation functions from the Priva process computer operating program library, such as:

Measurements

- Total water consumption, EC and pH logging per valve
- Drain quantity and logging
- Volume measurement
- Light or radiation measurement

Irrigation control

- Fertilizer recipes
- EC pre-control option
- Large number of starting conditions
- Water and fertilizer stock control
- Rinse valves
- Rotation of valves

Management

- Extensive insight into all measurements, control functions and alarm situations
- PC connection to Priva Office Direct for registration and operation

Want to know more or get in touch? Visit priva.com/nutri-line
#creatingaclimateforgrowth

