Future-Proof Your SOFT FRUIT Production
Increase the Yield - Save Labour - Reduce Costs

AMI Penta mixer

Super-Link 6

Data

Collection of data for further analysis

Data

Data

Data

Drain counter

EC

pH

Sun Sensor

Soil Sensor
Humidity & temp.
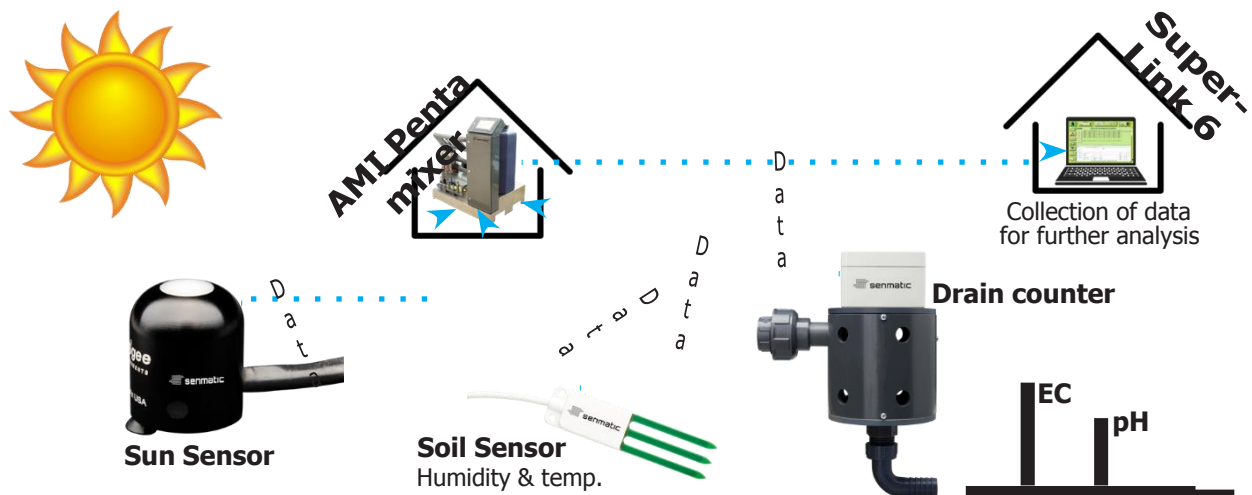
SIIP - Senmatic Intelligent Irrigation Program
Fully automatic "fly by wire" feed and irrigation control

- Save water and fertilizer by timely irrigation
- Increased yield and high plant quality with minimised risk of diseases
- Save labour due to the automated irrigation system
- Short return on investment
- Satisfy customer's need for uniform products
- Standard software included for the whole set-up

- Work with real time data
- Prevent accumulation of fertilizer by EC-regulation on radiation / runoff amount and EC
- Keep all data inhouse - ease the data integration
- In particular appropriate for Soft Fruit production in gutters - but is of course also suitable for other kind of productions

Meeting the market's increased demands
In order to ensure both the quality and quantity of the harvested product and thereby being able to fulfill sales agreements, the grower must have increased focus on both correct irrigation and fertilizer.

The traditional way of producing Soft Fruit has been by manually operating watering and fertilizer, and it has been a time-consuming task to ensure timely irrigation. For some this might have caused a poorer yield with plants of varying quality. The SIIP system is a state-of-the-art system and helps you saving time, ensures proper irrigation and fertilizer, and thereby greater and better yield - and at the same time achieves a cost saving - now and in the future.

Is your production system up-to-date and future-proofed? In case your answer is no, please read our further information - and if yes, we are sure that we will still be able to help you improving your production and output.

HARVEST YOUR FULL BUSINESS POTENTIAL

senmatic

SIIP - Senmatic Intelligent Irrigation Program

The SIIP system consists of the following parts:

Sun sensor - drain counter - EC-sensor - 4 x soil sensors - possible pH-sensor.

Furthermore an AMI Penta mixer will be needed for processing of the incoming data from the sensors.

To obtain the perfect and most effective system with the full overview, we recommend that you add a SuperLink to the SIIP system. SuperLink is software for central control and is used for collection of data from units installed in more geographical locations - but it is also an immeasurable tool if you have only one location.

Sun Sensor

- Secures automatic start of watering depending on the light radiation and EC regulation.

Soil Sensor

- Measuring of humidity and temperature of the growing medium.
- Gives signal for watering and reduces the risk of drying-up.

AMI Penta
Fertilizer and Irrigation mixer

- Built for now and future needs.
- All software is included in the system, so no cost for updates.
- Simple and advanced control of plant growth.
- Always delivered with mixing tank.
- Control of return water.
- 4 time zones per day - 4 different watering strategies.
- Flexible set-up of the system.
- Available in many languages.
- And a lot more...Please ask for our AMI Penta product sheet and get the full information.

Drain counter

- Sun and Drain regulation of the automatic start.
- Informs the mixer of how many drains are left after the watering. Based on this information the mixer gives a start signal for watering by the predefined watering interval.
- Can be expanded with EC and/or pH sensors for reading of drain water.

SuperLink -
Software for central control

- Set-up the overview main menu and see your preferred data from different departments.
- Calendar function for planning of future actions.
- Central control and change of set-points of installed units.
- Easy change between cultures by use of your own stored plant recipes.
- Report generator for documentation and analyzing of growth conditions.
- Quick and easy export of data for your own or consultant's use.
- Central collection of data from climate controls, irrigation and fertilizer mixers from all departments.
- Your own naming of eg. heating valves, windows, screens etc.
- Possible to add set-points to a favorites list.

Distributor:

Penny UK Ltd
16-18 Aston Fields Road
Preston Brook
WA7 3DL
01565 777029
www.pennyukltd.com

Head office:

Senmatic A/S
Industrivej 8, 5471 Søndersø, Denmark
Phone: +45 64 89 22 11
dgtsales@senmatic.com – www.senmatic.com