

Name	Location	Quantity[Unit]	Accuracy	Interval	Function	Option
Air after passing plants	Suction opening in ceiling	Temperature [°C]	0.2 °C	10s	System functioning	no
		Humidity [%RH]	1%			
Air towards bench	Under the padwall	Temperature [°C]	0.2 °C	10s	System functioning	no
		Humidity [%RH]	1%			
Air at the plants	Hanging from the ceiling	Temperature [°C]	0.2 °C	10s	Recipe control	no
		Humidity [%RH]	1%			
Chilled water supply	In the chilled water supply pipe	Temperature [°C]	0.2 °C	10s	System functioning	no
Chilled water outlet	In the chilled water return pipe	Temperature [°C]	0.2 °C	10s	System functioning	no
Electricity consumption	After the power switch	Watt, kWh	1% +/- 1 kWh	10s	System functioning	no
(extra T/RV Sensor, Max 20)		Temperature [°C]	0.2 °C	10s	Check for homogeneity	yes
		Humidity [%RH]	1%			
CO2 level near plants	Hanging from the ceiling	CO2 level [PPM]	0.3 °C	60s	Recipe control	no
		Temperature [°C]	5%			
		Humidity [%RH]				
Drain water temperature	In de drain water pipe	Temperature [°C]	0.2 °C	10s	System functioning	yes
Water supply temperature	In the circulation pipe, or the mixing pipe	Temperature [°C]	0.2 °C	10s	System functioning	yes
Dissolved oxygen in water supply	In the circulation pipe, or the mixing pipe	Oxygen concentration [ml/liter]	0.05 mg/L	10s	System functioning	yes
EC supply water	In the circulation pipe, or the mixing pipe	Conductivity [mS/cm]	2%	10s	Recipe control	yes
pH supply water	In the circulation pipe, or the mixing pipe	Acidity [pH]	2%	10s	Recipe control	yes
Doseerpomp A mix	In the circulation pipe, or the mixing pipe	Volume, [mL]	2% +1ml	10s	System functioning	yes
Dosing pump B mix	In the circulation pipe, or the mixing pipe	Volume, [mL]	2% +1ml	10s	System functioning	yes
Dosing pump acid	In the circulation pipe, or the mixing pipe	Volume, [mL]	2% +1ml	10s	System functioning	yes
Dosing pump base	In the circulation pipe, or the mixing pipe	Volume, [mL]	2% +1ml	10s	System functioning	yes
EC drain water	In de drain water pipe	Conductivity [mS/cm]	+/-2%	10s	Recipe control	yes
pH drain water	In de drain water pipe	Acidity pH	+/- 0.002	10s	Recipe control	yes
Dissolved oxygen in drain water	In de drain water pipe	Oxygen concentration [ml/liter]	+/- 0.05 mg/L	10s	System functioning	yes
Water flow rate	In the water supply pipe	Flow rate [liter/minute]	+/- 10%	10s	System functioning	yes
Camera	On the ceiling	Crop inspection	8 MP (4k)	15min	Crop inspection	yes