

DGT AMI Simplex Fertilizer Mixer

Tank-mixed fertigation for up to 3 irrigation groups

The AMI Simplex is the entry point into DGT by Senmatic fertigation, and for many UK growers it is all the fertilizer mixer they will ever need. Feed is mixed through a 130-litre tank rather than dosed inline, so every drop of irrigation water leaves the unit with blend, EC and pH already correct.

Operation runs through a 4.3-inch touch screen with well-arranged menus. The Simplex controls up to three irrigation groups with individual start conditions, each choosing from four fertilizer recipes carrying full EC, pH and blend information, across up to twelve freely-assigned solenoid valves.

The software is built on a standard operating system, so functions and capacity can expand as the nursery grows; pH control can be added with a venturi and sensor whenever needed, and the optional DGT On the Go gateway puts the mixer on your phone.

Key capabilities

- 3 irrigation groups with individual start conditions
- 4 fertilizer recipes per group with EC, pH and blend information
- Mixing-tank delivery (130 L) for accurate EC and pH in every batch
- Controls up to 12 freely-assignable solenoid valves
- 3 dosing units (one can be pH) | pH control optional via venturi + sensor
- Pump options: 15 or 25 m³/h (Europump)
- 4.3-inch touch display with clear menus
- Optional DGT On the Go app for control by phone

Technical specifications

Supply voltage	3 x 230 V / 400 V AC (+10/-15%), 50/60 Hz
Flow rate (inline)	15 - 30 m ³ /h, 4 to 8 bar
Mixer pump	Europump, 15 or 25 m ³ /h
Mixing tank	130 L
Irrigation valves	24 V AC
Communication	Ethernet
Operating temperature	0 - 50°C, no direct sun radiation
Humidity	0 - 95% RH, without condensation
Protection rating	IP65
Dimensions	1140 x 793 x 1235 mm

Sitotech Irrigation Ltd is the main UK distributor for DGT by Senmatic. We specify, install, commission and support every system we supply, and design it into the wider irrigation and climate setup on your site. For sizing, integration or a site visit, call Simon on 07881 271 117 or email simon@sitotech.uk.