



inlinePulse

Fertigation Equipment

Much More with Less

Optimize your use of water and fertilizers. Spend less time and get more productivity with our **inlinePulse** fertigation system.

Agrotecna gives you precise and efficient drop-by-drop control for advanced management of your crop irrigation and nutrition.



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CONTROL SYSTEMS

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Technical Specifications

inlinePulse doses in-line with very short pulses, ensuring excellent stability in **EC** and **pH**, and maximum precision in nutrient delivery. It includes **0.1 L/pulse fertilizer counters** and **two analog pressure sensors** to monitor pressure before and after filtration, enabling backflush activation based on differential pressure.

Injectors: Configurable from 3 to 8 units. Equipped with 100mL/pulse fertilizer counters.

Injection modes: Proportional, target EC, target pH, continuous volume, split volume, fixed flow.

Irrigation valves: Scalable system with expansion capacity of up to 80 valves.

Irrigation valve control: Fixed 24VAC outputs and compatibility with RTUs. Supports radio-controlled latch-type outputs, up to 4 per unit.

Filter backflush system: Supports up to 8 filters, with activation by time or differential pressure. Includes command for sustaining valve.

Alarms: Real-time monitoring and alerts for pressure, flow, fertilization, EC, and pH.

Local control interface: 7" color touchscreen, easy to operate and view.

Remote management: Online multi-platform access (computer, laptop, tablet, or smartphone), no software installation required. Real-time connectivity via MQTT protocol over WiFi network.



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