NUTRITEC

Grow in a efficient and sustainable way, managing water and nutrients with NUTRITEC, leader Irrigation System for precision fertigation management.

Maximum precision in the adjustment of water and fertilisers by continuously adjusting pH and EC.

Specialised for hydroponic **and high-productivity crops.**

High precision through unique hydraulic design and high-performance Venturi injectors.

Optimisation of natural resources reducing environmental impact.

Easy operation and remote control through the RITEC APP.

NUTRITEC specialises in precision irrigation, such as hydroponics, where the conditions of water and nutrient balance and injection are the most demanding.

Thanks to the combination of our own hydraulic and electrical designs, our customised equipment can be adapted to the needs of your project or crop.

NUTRITEC-C	NUTRITEC	SUPER-NUTRITEC



Farm	Small and medium-sized farms	Medium and large farms	Large farms
Dimensions (L-W-H)	1000 x 700 x 1150 mm	1000 x 700 x 1150 mm	1500 x 750 x 1150 mm
Approximate weight	100 - 150 kg	100 - 150 kg	130 - 170 kg
Adapted to any type of crop	●	●	●
Adapted to any cultivation system [Hydroponics/Soil]	●	●	●
Maximum flow	Up to 80 m³/h hydroponic Up to 120 m³/h Soil-grown horticultural crops Up to 150 m³/h fruit tree	Up to 80 m³/h hydroponic Up to 120 m³/h Soil-grown horticultural crops Up to 150 m³/h fruit tree	Up to 200 m³/h hydroponic Up to 300 m³/h Soil-grown horticultural crops Up to 400 m³/h fruit tree
Number of fertiliser injectors	5 fertilisers + 1 acid	9 fertilisers + 1 acid	9 fertilisers + 1 acid
Maximum number of electrovalves	From 8 to 12 electrovalves	140 electrovalves	140 electrovalves

	NUTRITEC C	NUTRITEC	SUPER-NUTRITEC
Automatic cleaning of the filter system (before, during or after irrigation)	●	●	●
Maximum flow rate per injector	Injection unit capacity (fertiliser and acid) 500l/h	Injection unit capacity (fertiliser and acid) 500l/h	Injection unit capacity (fertilisers) 1000l/h Injection unit capacity (acid) 500l/h
High-efficiency RITEC Venturi	●	●	●
Network design	● Works via suction or impulsion ● Main irrigation electro-pump* ● 3CV auxiliary electro-pump ** ● Mixer	● Works via suction or impulsion ● Main irrigation electro-pump* ● 3CV auxiliary electro-pump ** ● Mixer	● Works via suction or impulsion ● Main irrigation electro-pump* ● 3CV auxiliary electro-pump ** ● Mixer
PH sensor	● ***	● ***	Dual pH sensor
EC sensor	● ***	● ***	Dual EC sensor
Continuous pH and EC reading and monitoring	●	●	●
AISI 304 stainless steel structure	●	●	●
Manual or automatic activation	●	●	●
Number of irrigation programmes	20 different watering programmes with extensive programming options	20 different watering programmes with extensive programming options	20 different watering programmes with extensive programming options
Multiple programming possibilities	Time/ Volume/ pH and EC sensors On-demand irrigation via external sensors [Tensiometers / Soil or substrate sensors / Solar radiation]	Time/ Volume/ pH and EC sensors On-demand irrigation via external sensors [Tensiometers / Soil or substrate sensors / Solar radiation]	Time/ Volume/ pH and EC sensors On-demand irrigation via external sensors [Tensiometers / Soil or substrate sensors / Solar radiation]
Water recirculation and Drainage reuse possibility	●	●	●
Possibility of two different pH and EC water mixtures	●	●	●
Irrigation control possibility with Smart Tray	●	●	●
Irrigation control possibility with Weighing Tray	●	●	●
Irrigation control from your mobile, tablet or PC	●	●	●
Remote control with RITEC App	●	●	●

*** Single-phase:** 1 x 230V AC 50/60Hz // **3-phase:** 3 x 230/400V AC 50/60Hz. Any other supply voltage can be considered.
****** In the case of impulse-driven equipment.
******* Dual reading sensor option.

Ritec Agrotechnology
Ctra. de Circunvalación, s/n.
P.O. Box 163
30880 Águilas, Murcia, España.

Contact:
Telephone number: +34 968 446 000
E-mail: ventas@ritec.es
Web: www.ritec.es