

ROKO Farming | xFactory | Polyponics™



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Polyponics™



adjustable LED



movable



Smart
Control









multiple
possibilities



Cloud
storage -
capability

Power	320 W	NFT/DFT/E&F flow	10 l / min
Max. photon flux	176 $\mu\text{mol/s}$	Irrigation types	4
HPA pressure	8 bar	Tank capacity	45 l

Technical Part – Basic

Irrigation		Nutrient Flow Technique (NFT) Deep Flow Technique (DFT) Ebb and Flow (E&F) High Pressure Aeroponics (HPA) <ul style="list-style-type: none"> - To be used simultaneously (Polyponics™) - 2 pumps - 2 HPA valves - 2 NFT/DFT/E&F valves - 8 ball valves - Timer function / software controlled
Lighting		High performance LED lighting <ul style="list-style-type: none"> - Unlimited spectrum selection - Dimming function - Timer function
Water Filtering		Two stage water filter system <ul style="list-style-type: none"> - Tightly meshed at intake - Strainer at return
Ventilation		Supply, Drain, Circulating <ul style="list-style-type: none"> - Up to ten stages - Timer function - Supply air filter
Research		<ul style="list-style-type: none"> - Sampling point - 2 temperature sensors - Data storage function - “Open Source” software architecture
General		<ul style="list-style-type: none"> - 30 plant carriers included - Smart control via any WIFI device - Operator manual - Maintenance manual - Spare parts and consumables catalogue - CE-conformity declaration

Dimensions and features

Length:	1.090 mm	Weight:	120 kg
Width:	1.310 mm	Surface:	Plexiglas
Height:	2.245 mm	Frame:	Aluminium

Additional Features – Basic Plus

Comment

Climate control (air conditioning)	
Humidity control	
CO2 control (sensors, valves CO2 bottle)	
Solution control (pumps, tanks, sensors)	More information required
Non-transparent housing	
Wall units (10x)	
LED lighting adjustable in height	
CO2 monitoring	
Humidity monitoring	
pH monitoring	
EC monitoring	
Additional solution tank	
Additional ventilation	
Additional temperature monitoring	
IPad	
Camera	

Further Terms and Conditions

Validity	31.12.2022
Lead and delivery time	12 weeks ¹
Attached documents	CE marking DIN VDE Conformity report Testing in accordance with DGUV
Type of product	Pilot system ²
General Terms and Conditions	Our General Terms and Conditions (AGBs) apply.

Contact us for more information on services and prices

An offer from:

ROKO Farming GmbH & Co. KG
Lise-Meitner-Straße 9
89081 Ulm
Represented by:
Sascha Rose und Philip Rose

1) Under the current uncertain markets and supply chains, the stated lead and delivery time should be considered as a rough guide. ROKO Farming makes its best efforts to meet the stated lead and delivery times. More information can be found in the general terms and conditions (AGBs).

2) The product is marked as a pilot system. ROKO Farming does not guarantee the function of the product and reserves the right to make changes and improvements to hardware and software at any time. More information can be found in the general terms and conditions (AGBs).

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HRA727973

Sitz der Gesellschaft: Ulm
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