



Sensor Catalog

V4-JUNE-2025



Sensors for GrowSphere™

GrowSphere™ integrates seamlessly with all your sensors.

Monitoring soil, plant status, weather conditions, and hydraulic systems is essential for effective farm management. **GrowSphere™** elevates this monitoring, making precision irrigation achievable.



Soil & Plant Sensors

Get real-time data on the soil moisture and temperature at various depths, along with comprehensive data on the plant status.

Sensor types:

- NetaCap
- NetaSense
- SM150T
- WET150
- Tensiometer
- Dendrometer



Weather Sensors

Monitor weather-related parameters such as solar radiation, relative humidity and precipitation.

Sensor types:

- Davis weather station
- Rain collector
- Temperature & Humidity
- Solar radiation



Hydraulic Sensors

Get immediate confirmation that valves were open/close and different commands were executed as planned.

Sensor types:

- Water meter
- Pressure switch
- Pressure sensor



Sensors

Material	Description	Compatible with:		
		ONE	RadioNet	MAX
74730-000007	SOIL MOISTURE NETACAP BP 2/20CM	✓	✓	
74730-000013	SOIL MOISTURE NETACAP BP 3/30CM	✓	✓	
74730-000008	SOIL MOISTURE NETACAP WP 4/40CM	✓	✓	
74730-000009	SOIL MOISTURE NETACAP WP 6/60CM	✓	✓	
74730-000011	SOIL MOISTURE NETACAP WP 6/80CM	✓	✓	
74730-000021	SOIL MOISTURE NETACAP WP 6/120CM	✓	✓	
74390-003800	SOIL MOISTURE NETASENSE 0.5-5MA	✓	✓	
74280-003015	SOIL MOISTURE NETASENSE 4-20MA		✓	
74730-000010	SOIL MOISTURE SM150T- DELTAT	✓		
74730-000038	MULTI-PARAMETER SENSOR WET150- DELTAT	✓		
74730-000001	TENS.MS* -30/12-IRROMETER	✓	✓	
74730-000002	TENS.MS* -60/24-IRROMETER	✓	✓	
74730-000003	TENS.MS* -90/36-IRROMETER	✓	✓	
74730-000004	TENS.SS** -30/12-IRROMETER	✓	✓	
74730-000005	TENS.SS** -60/24-IRROMETER	✓	✓	
74730-000006	TENS.SS** -90/36-IRROMETER	✓	✓	

*Tensiometer MS = Moderate Soil

**Tensiometer SS = Sandy Soil



Sensors

Material	Description	Compatible with:		
		ONE	RadioNet	MAX
74730-000090	DENDROMETER SMALL PLANT DIAMETER-ECOMATIK			
74730-000091	DENDROMETER TRUNK RADIUS – ECOMATIK			
74730-000050	DAVIS WS GROWSPHERE DIRECT FULL PACK			
74730-000028	DAVIS WS VANTAGE PRO2, CELLULAR, USA			
74730-000027	DAVIS WS VANTAGE PRO2, CELLULAR, REGION A			
74730-000026	DAVIS WS VANTAGE PRO2, CELL, REGION B/C			
74320-000001	STANDALONE RAIN COLLECTOR-PRONAMIC			
74703-000002	TEMP&HUMIDITY WITH VENT SENSOR FOR MAX			
74320-000009	TEMP&HUMIDITY SENSOR FOR ONE			
74320-000004	PYRANOMETER RAD.RK200-04 2M CABLE			
70240-005720	ARAD FERTILIZER METER SF 1/2" EV 1L			



Sensors

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		ONE	RadioNet	MAX
74320-000002	0.5 BAR PRESSURE SWITCH IRRIG.MONITOR			
74320-000005	1.0 BAR PRESSURE SWITCH IRRIG.MONITOR			
74320-000003	1.5 BAR PRESSURE SWITCH IRRIG.MONITOR			
74320-000006	0–10 BAR PRESSURE SENSOR IRRIG.MONITOR			





For **GrowSphere™**
Support Center
Scan:

