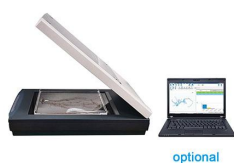


Root Scanner



Introduction:

Root analysis system is based on image recognition technology, it is professionally used for root analysis of plants after washing the roots in vitro. It has the characteristics of convenience, efficiency and high accuracy, which can improve the work efficiency of practitioners, reduce labor costs.

Features:

- * Clear interface design, modular function design.
- * User learning cost is lower, operation is more convenient and smoother.
- * The analysis results are more accurate.

Technical Parameters:

Model	RS-A
Power Supply	100~240V, 50/60Hz
Optional Accessory	computer
Package Size	805*235*395mm
Net Weight	8kg
Gross Weight	9.7kg

Overall Analysis Parameter:

Model	RS-A
Root Tip	Number: the total number of root tips, equal to the number of termination points
	Range 0~1000
	Accuracy error <5%
Root System	Length: total root system length, including main root and secondary roots
	Range 0~10000mm
	Accuracy error <3.65%
	Average Diameter: the average diameter of the root system
	Range 0~20mm
	Accuracy error <0.04%
	Projected Area: the projected area of the root system as a whole
	Range 0~200000mm ²
	Accuracy error <4.02%
	Surface Area: the overall surface area
	Range 0~1000000mm ²
	Accuracy error <3.75%
	Volume: overall volume
	Range 0~2000000000mm ³
	Accuracy error <3.82%

Leaf Temperature Gap Meter



Features:

- * Small size, easy to carry.
- * LCD display, friendly man-machine interface.
- * Reasonable mechanism, accurate measurement, simple use, good stability and maintenance free.
- * Perfect power management scheme, it will shut down automatically when there is no key operation for a long time.

Technical Parameters:

Model	LTG-A
Measuring Range	0°C~60°C
Resolution	0.1 °C
Reaction Time	< 3 seconds
Measurement Error	±0.5°C
Linearity	Maximum deviation of 1%
Storage	SD card storage(2GB)
Battery	4.2V rechargeable lithium battery
Power Supply	110V~240V, 50/60Hz
Working Temp	0°C~50°C; 0%~85% relative humidity, no condensation
Package Size	270*210*140mm
Net Weight	0.5kg
Gross Weight	1kg