



# Agricultural IoT Product Provider



**Make agricultural production smarter and more efficient  
Help farmers increase production and income**



Temperature / Humidity



Water



The soil



Environment



Sensing



## Company introduction

Changsha Zoko Link Technology Co., Ltd. (Brand: NiuBoL) : production and sales of soil nitrogen, phosphorus and potassium sensors, soil PH sensors, soil moisture sensors, soil temperature and humidity sensors, soil Electrical conductivity sensors, automatic weather stations, wind speed sensors, wind direction sensors, ultrasonic integrated sensors, louvered box temperature, humidity and pressure sensors, rain sensors and other sensors, and widely used in poultry breeding , greenhouse automation, irrigated agriculture, forest monitoring, digital agriculture and other application scenarios.

With reliable quality, complete range and reasonable price, our products are exported to many countries such as USA, Argentina, Egypt, India, Thailand, Singapore, Malaysia and Australia. And we will always keep the momentum of development, continue to deeply expand the market, and cooperate with everyone for a win-win situation.

Whether it is treating products or customers, we have always been adhering to the business management philosophy of "seeking truth and being pragmatic, and striving for excellence". When dealing with products, every employee of Zhongke Zhilian is meticulous, and firmly grasps the quality of each product. When treating customers, we will provide the most professional advice and provide customers with the most professional and most suitable products. For after-sales, we value every customer's feedback and deal with customer needs immediately. A perfect after-sale can best reflect the true value of a product.

### Core competence



#### Focus on agriculture

Deep technical precipitation  
User-centric  
Boutique to open up the market



#### Fully self-produced

Professional R&D team  
Standardize the production base  
Standard Quality Control



#### One-stop customized service

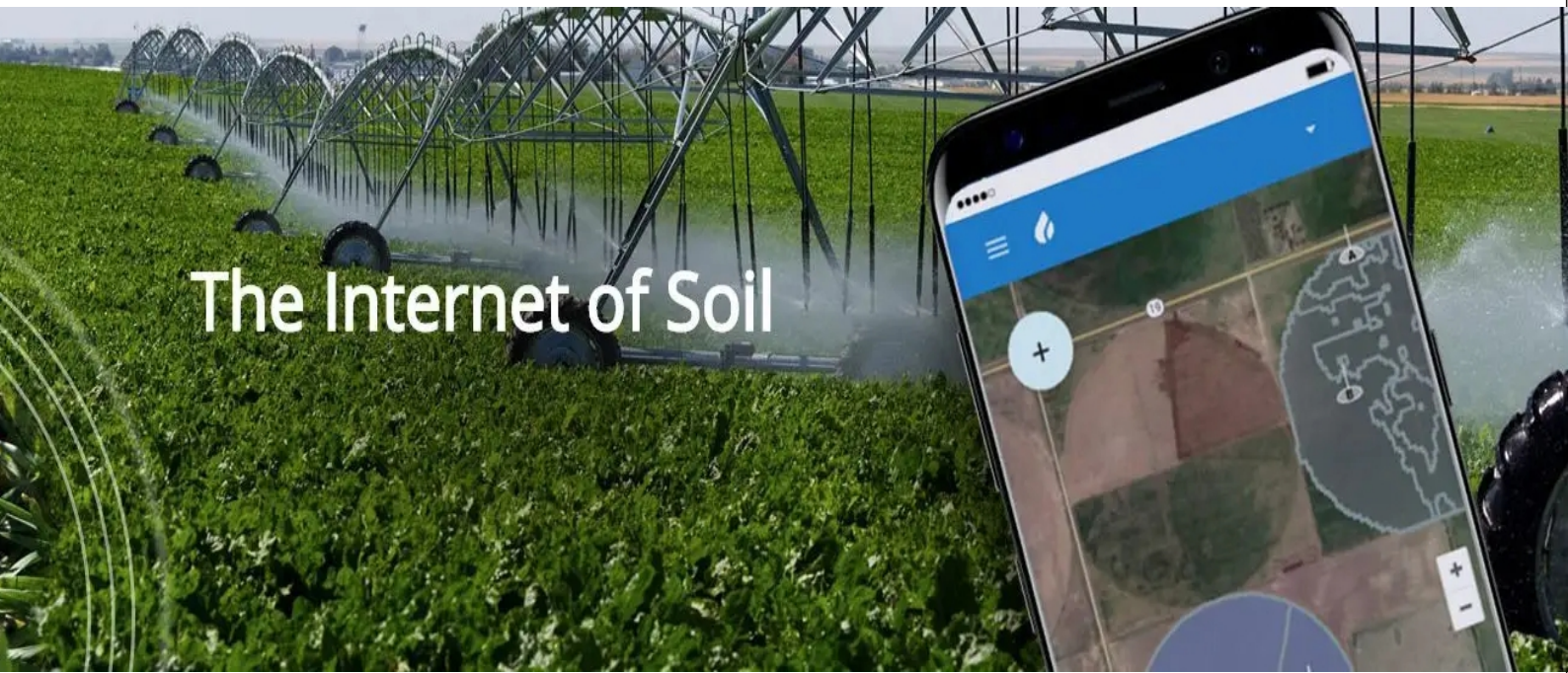
Better understanding of needs tailor-made  
System integration extension development  
Customized special service



#### Sound service system

Professional marketing team  
Efficient technical support  
Reliable after-sales service





The Internet of Soil

## Soil sensor series



NBL-S-HS/It is used to quickly measure agricultural environmental parameters such as soil temperature and humidity, PH, salinity and electrical conductivity, which are displayed in real time on the display and the data is stored in the internal chip of the speed recorder. After measurement the data from the logger can be downloaded to the calculator via the included software for easy research or storage. Multi-purpose machine with soil temperature and humidity sensor, salt sensor, PH meter and other components

Widely used in meteorology, environmental protection, agriculture, forestry, hydrology, military, storage, scientific research and other fields.



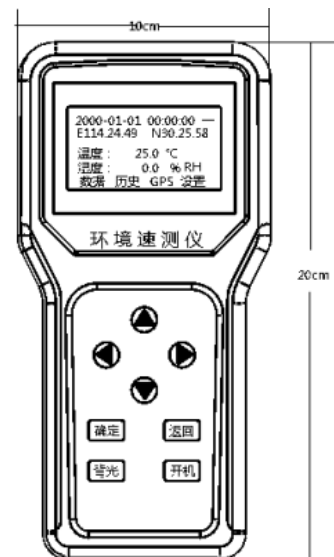
### Performance characteristics

- | Easy to carry, the interface can be interchanged, does not affect the accuracy
- | Can automatically identify the sensor type, no need to manually set
- | Data storage function, can store up to 22528 pieces of data
- | The instrument has built-in GPS, with latitude and longitude positioning function

### Technical parameter

	Measurement elements	Scope	Resolution	Accuracy
Environmental parameters	Soil temperature	-50-80℃	0.1℃	±0.5℃
	Soil moisture	0-100%	0.1%RH	±3%RH
	Soil salinity	0-8000mg/L	1mg/L	±50mg/L
	Soil conductivity	0-10mS/cm	0.01mS/cm	±5mS/cm
	Soil Ph	0-14PH	0.01PH	±0.02PH
	Power supply	Lithium-ion battery (4000mA.h)		
Communications	USB			
Storage	20,000 data			
Size	Mainframe: 100×200×28 mm			
	Whole machine: 405×100×100 mm			
Weight	About 0.5Kg			
Working environment	-20℃ ~ 80℃; 5%RH ~ 95%RH			

### Product Size



### Host computer software description

Double-click the included HandRTU\_setup.exe program, select the installation language, confirm to start the automatic installation, click Next until it is completed

### Instructions for use

There are 8 keys on the instrument: parameter plus (▲), parameter minus (▼) previous parameter (◀), next parameter (▶) confirm key, return key, backlight key, and power-on key. The backlight key and the power-on key can be used directly in any interface of the device.

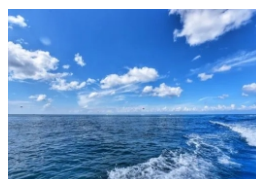
### Application field



Meteorological



Agriculture



Ocean



Environment



Science





# Weather Station Series





## Product application scenarios



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**NiuBoL**

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