



**Shenzhen JUNTRY TECH CO., LTD**

We specialize in intelligent ultrasonic bottom-mounted level gauges, oil level sensors and PLC, serving as a provider of industrial measurement and control solutions. Driven by technological innovation to fuel industrial upgrading, we deliver precise and reliable measurement & control technical support to clients.

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## About Us

We focus on cutting-edge industry trends and deep cultivation in our field, adhering to innovation concepts. With professional dedication and forward-looking vision, we build a sustainable corporate development blueprint and set long-term development goals.

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## Application Scenarios

We develop customized solutions that fully align with practical demands across multiple industries, covering core sectors including intelligent manufacturing and smart services, demonstrating diversified implementation capabilities of our products and services.

03

## Cooperation & Services

We establish an integrated full-process service system, offering efficient and comprehensive professional support for partners throughout pre-project communication, solution planning, implementation and after-sales assurance.

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## Core Products

Backed by self-developed core technologies, we have built a portfolio of high-performance flagship products. Leveraging differentiated technical strengths, we supply more efficient and intelligent premium options for the market.

02

## R&D & Production

We assemble a professional R&D team and build high-standard production bases, implementing a rigorous full-process quality control system to guarantee precision and reliability in every link from technological innovation to product delivery.

04

## Customer Cases

We have accumulated abundant industrial service experience and share successful cooperation cases with well-known enterprises. Real-world results validate our product value and demonstrate our trustworthy cooperation strength.

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# 01 About Us

## Deeply Cultivated in Industrial Sensing & Automatic Measurement-Control

Shenzhen JUNTRY Technology is a high-tech enterprise integrating R&D, production, sales and after-sales service, with 15 years of dedicated experience in industrial sensing and automatic measurement-control. Our core offerings include ultrasonic liquid/oil level sensors, intelligent measurement & control instruments, Modbus communication acquisition modules, PLCs and supporting sensing equipment for PLCs. Our products are widely deployed in industrial monitoring scenarios such as oil tank trucks, energy storage tanks, chemical storage tanks, construction machinery and municipal water supply, delivering stable and reliable one-stop sensing solutions to customers.



## Business Philosophy

Empower industrial digital transformation with precise sensing, win long-term trust from markets and clients through stable and reliable product quality, and attach equal importance to technological innovation and service excellence.



## Corporate Vision

Focus on segmented tracks of vehicle-mounted and storage tank monitoring, continuously break through technical bottlenecks, and strive to become a domestically leading and industry-recognized benchmark brand for intelligent liquid level monitoring systems.

# 01 About Us

## Professional Team & Facilities Build Core Strength

With years of experience in automation, our company operates standardized production workshops and professional R&D laboratories, forming a complete technological innovation system. Our core team consists of senior engineers with over a decade of industry experience, who persist in independent algorithm R&D and build core technical barriers. Meanwhile, we implement strict full-process factory inspection mechanisms to ensure all products pass multiple industrial reliability certifications, providing stable, efficient and safe solutions for clients.

Over 10 years of industry accumulation, driven by technological innovation and safeguarded by stringent standards, we build a trustworthy automation brand.



### Standardized Production Workshop

Equipped with modern production line equipment and refined production management to guarantee consistent product craftsmanship and high production efficiency.



### Professional R&D Laboratory

Outfitted with high-precision testing instruments, dedicated to cutting-edge technology research and product performance verification to accelerate the transformation of technical achievements into deliverables.



### Senior Core Team

Gathered top industry talents with more than ten years of experience in automation hardware development, laying a solid talent foundation for technological innovation.



### Independent Algorithm R&D

We independently develop underlying algorithms to break through technical bottlenecks and form unique competitive advantages and technical barriers.



### Full-Process Factory Inspection

A strict multi-link quality inspection system covering components to finished products eliminates defects before delivery.



### Authoritative Qualification Certifications

We have obtained ISO certification and multiple industry-specific accreditations; product quality and technical indicators meet advanced international standards.

# 02 Core Products



## JUNTRY Series Ultrasonic Oil Level Transmitters

Integrating high-precision non-contact measurement, intelligent chip control and stable wireless transmission, the transmitters feature strong anti-interference performance and capture liquid level data accurately even in complex industrial environments, serving as ideal core equipment for real-time oil level monitoring of various tanks.



## Measurement & Control Terminals & Signal Conversion Modules

Support 4G full-network real-time data upload, equipped with local high-definition LCD display and multi-threshold alarm output. Capable of collecting multi-channel sensing signals compatible with liquid level, temperature and other industrial equipment, enabling unified aggregation and analysis of data.



## Customized Full-scenario Monitoring Solutions

We provide one-stop software and hardware supporting solutions including oil tank truck fuel monitoring, remote management of factory storage tanks, and fuel consumption tracking for construction machinery. Tailored to industrial application scenarios, we deliver full-link customized services covering data collection to cloud management.

Centered on technology and oriented to demand, we build a complete ecological closed loop of "Hardware + Software + Service", offering efficient, reliable and safe integrated solutions for industrial liquid level monitoring.

## 02 Core Products

### High-precision Ultrasonic Liquid Level Sensors



Designed for complex industrial environments, integrated advanced sensing technology enables accurate and stable liquid level monitoring of all types of media.



#### Non-contact Measurement

No contact with measured media, fundamentally avoiding medium contamination, probe blockage and corrosion, extending equipment service life and cutting maintenance costs.



#### Standard Protocol Compatibility

Natively support Modbus-RTU industrial standard protocol, seamlessly connecting to PLCs, vehicle-mounted terminals and various industrial control systems for simple and efficient integration.



#### Industrial-grade Robust Protection

IP67 protection rating with wide operating temperature range, shock and vibration resistant, perfectly suited for oil tank trucks, outdoor storage tanks and other mobile and harsh working conditions.



#### High Precision & Stable Performance

Adopt advanced signal processing algorithms with high ranging precision and minimal errors, ensuring consistent and reliable long-term continuous operation data to support decision-making.

## 02 Core Products



### Self-developed Anti-interference Algorithms

Independently developed core ultrasonic algorithms deliver powerful resistance to environmental interference, maintaining accurate and stable measurement data under complex working conditions.

### Industrial Protection for Harsh Environments

High-protection design adapts to extreme temperatures, mechanical vibration, dust, oil stains and other severe industrial scenarios for long-term stable equipment operation.

### Seamless Integration with Standard Protocols

Fully compatible with mainstream industrial communication protocols including Modbus and Profinet, enabling quick integration with existing industrial control systems and greatly reducing integration difficulty and costs.

### Flexible OEM & ODM Customization

Support in-depth customized development from hardware interfaces to software functions, building exclusive solutions tailored to customers' specific application scenarios.

### Comprehensive After-sales Support

All products fully inspected before delivery to guarantee zero defects; industry-leading extended warranty service available. Professional technical team provides 7×12-hour all-day technical support and rapid response.

## 03 Application Scenarios



### Oil Tank Transport Fleets

Real-time oil volume monitoring effectively prevents oil theft and leakage during transportation, realizing digital and visualized full-process fleet management.



### Factory Oil / Chemical Storage Tanks

24/7 remote continuous liquid level monitoring with automatic inventory report generation and statistical data analysis, improving warehouse management efficiency and safety.



### Construction Machinery & Diesel Equipment

Real-time collection of diesel consumption data for all types of construction machinery, precise calculation of single-unit operation costs, supporting refined cost control and benefit analysis for enterprises.



### Water Supply & Environmental Protection Liquid Storage Tanks

Non-contact, high-stability continuous liquid level monitoring for clean water tanks, sewage tanks and chemical reagent storage tanks, ensuring stable operation of water supply and environmental protection processes.

## 03 Application Scenarios



### Oil Tank Fleet Management

Real-time monitoring of transport status via intelligent terminals, integrating vehicle positioning, oil level tracking and trajectory recording to guarantee full safety control and efficient scheduling of hazardous chemical transportation



### Chemical Park Storage Tank Monitoring

IoT sensors collect round-the-clock precise data on liquid level, temperature and pressure of large storage tanks, building a visualized supervision platform to eliminate potential safety hazards in chemical production



### Intelligent Operation & Maintenance of Construction Machinery

Intelligent terminals installed on excavators, loaders and other equipment transmit real-time operating condition data, supporting remote fault diagnosis and predictive maintenance to boost equipment utilization and service life.



### Automatic Control of Urban Sewage Treatment

Optimize sewage treatment processes via automatic control systems, enabling real-time monitoring of water quality indicators and automatic adjustment of process parameters to guarantee effluent quality and cut operating energy consumption

## 04 R&D & Production



The standardized R&D laboratory is equipped with advanced testing equipment, providing solid support for hardware and software technical research as well as product prototype verification, and guaranteeing the feasibility and stability of technical solutions.

### Core R&D Capabilities

Independent software and hardware R&D team proficient in single-chip microcomputer development, ultrasonic signal processing and industrial bus communication. We customize hardware structures, communication protocols and background data docking schemes according to customer working conditions to perfectly integrate technology with application scenarios

### Stringent Production Control

Standardized assembly production lines with four mandatory factory inspection procedures: aging test, waterproof test, vibration test and precision calibration. Full-process quality monitoring controls defective rates at every stage to guarantee stable and reliable delivered equipment

## 04 R&D & Production



Leveraging highly automated modern intelligent production lines , we implement standardized and digitalized control over the entire manufacturing process .Every stage, from core component assembly to complete machine integration , is elaborately engineered to ensure stable and consistent product quality , delivering reliable hardware support to customers.

### 01 / Complete Supporting Qualification System

Products pass multiple professional tests for waterproof, dustproof and wide\-temperature performance\. Complete factory certificates and parameter lists are available, with standardized qualification documents fully meeting tendering and project acceptance requirements for all types of engineering projects



#### Standardized Production Lines

Full standardized production processes to control every working procedure and ensure consistent, efficient manufacturing



#### Four Rigorous Inspection Procedures

Layered checks of aging, waterproof, vibration and precision calibration eliminate quality risks from the source and guarantee delivery quality



#### Complete Compliance Qualifications

Test reports issued by authoritative institutions with full qualification chains, fully satisfying access requirements for all engineering projects

# 05 Cooperation & Services

## Full-link One-stop Service Process for Full-cycle Project Support

We form a closed-loop service covering demand communication to after-sales maintenance, strictly controlling every stage to ensure perfectly matched solutions and timely, high-quality delivery. Process Flow: Demand Communication → Customized Solution → Sample Testing → Mass Production → Shipment & Delivery → Technical Guidance → After-sales Maintenance, providing comprehensive professional support for customers



### Pre-sales Professional Planning

Free working condition scheme design and parameter selection guidance, full support for sample testing to fit early-stage solutions to actual demands and avoid project risks.



### Transparent In-sales Delivery

Real-time production progress updates, customized product silk printing and packaging available. Strict quality control ensures on-time, on-spec delivery.



### Worry-free After-sales Support

Remote commissioning guidance, rapid fault response mechanism, free repair and replacement within warranty period. Professional technical team on standby to resolve all your concerns.

## 05 Cooperation \& Services



### Spot Bulk Supply

Ready stock of standardized mature products to quickly respond to bulk orders and guarantee delivery timeliness and stable product quality.



### Project Supporting Cooperation

Customized supporting solutions for industry-specific or client-specific special projects, full follow-up of project progress to ensure accurate implementation of supporting schemes.



### OEM Brand Labeling

Comprehensive OEM service supporting customer brand labeling, complying strictly with brand visual specifications and quality standards, delivering one-stop OEM services from product design optimization to manufacturing to help customers build exclusive branded products.



### In-depth Software \& Hardware Custom Development

Based on proprietary core technologies, we provide full-chain deep customization services from underlying hardware architecture design to upper-layer software function development to solve complex personalized and professional technical demands.

# 06 Customer Cases & Competitive Advantages



## Source Manufacturer

Self-owned production base eliminates middleman markup, delivering higher cost performance under equal quality standards



## Professional Technical Support

Senior technical team provides full-cycle docking, including scheme design and commissioning guidance, with rapid response to resolve all types of project technical challenges.



## Fast Delivery

Adequate spot inventory for standard models; standardized production lines enable expedited scheduling and shipment for urgent orders to meet tight project deadlines



## Sustained Innovation

Keep pace with industrial technological trends, continuously iterate product performance and update compatibility with new industrial control equipment to deliver long-term value for customers

Our cooperative clients cover logistics fleets, energy chemical enterprises, automation engineering companies, complete equipment manufacturers and other core sectors. Supported by stable product performance, comprehensive technical support systems and efficient service response, we have accumulated an excellent reputation across the industry and become long-term trusted partners for numerous enterprises

## Contact Us



Shenzhen JUNTRY Technology Co., Ltd  
Specialized in R\&D and manufacturing of liquid level transmitters, PLCs and industrial sensing equipment, we drive industrial upgrading through technological innovation

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complete supporting facilities in a  
modern technology park



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device with dedication”**

Committed to delivering the most  
reliable industrial perception  
solutions for customers