A-13

水质检测机器人

Intelligent Water Quality Testing Lab

＜1h

水质检测物联感知装备——支撑智慧水务全新运营模式

Water Quality Monitoring IoT Sensing Equipment—Enabling a New Operational Model for Smart Water Management

全自动检测30项水质核心指标

FULLY AUTOMATED DETECTION OF 30 CORE WATER QUALITY INDICATORS

依托超大城市全涉水场景，深度融合深圳尖端智能制造产业链，成功自主研发全球领先的水质检测机器人。

该装备可在1小时内完成30项水质核心指标的检测，构建了基于人工智能的智能监测体系与标准，彻底颠覆传统人工检测模式，实现百倍级效率提升。更定义水务“AI+机器人”模式，推动高端仪表国产化，引领细分赛道尖端突破，获全球水务市场关注。该装备经中国环保机械行业协会组织、马军院士领衔的专家团队鉴定，达到“国际领先”水平。

Leveraging the comprehensive water-related scenarios of megacities and deeply integrating Shenzhen's cutting-edge intelligent manufacturing supply chain, we have successfully developed a globally leading water quality testing robot.

This equipment can complete testing for 30 core water quality indicators within one hour, establishing an AI-based intelligent monitoring system and standards that completely revolutionize traditional manual testing methods, achieving a hundredfold increase in efficiency. It further defines the “AI + robotics” model for water utilities, advances the localization of high-end instrumentation, and leads cutting-edge breakthroughs in specialized segments, garnering global attention in the water market. The equipment has been appraised by an expert team led by Academician Ma Jun and organized by the China Environmental Protection Machinery Industry Association, achieving an “internationally leading” level.

30-80%

人力、耗材、废液、占地

Labor, Consumables, Waste Liquid, Land Use

100%

废液原位高效处理与近零排放

In-situ Efficient Treatment of Waste Liquids and Near-Zero Discharge

≥100倍

检测效率

Detection Efficiency





商务合作 BUSINESS COOPERATION

公司（Company）：深圳市深水龙岗水务集团有限公司 (Shenzhen Shenshui Longgang Water Group Co., Ltd.)

电话（Tel）：0755-28611757

邮箱（E-mail）：lgwater@waterchina.com