

# 齐元Q3

## OUNITECH Q3

### 服装厂强吸款

Garment Factory High-Suction Model



### 多场景扫拖款

Multi-scenario Sweeping and Mopping Model



告别传统清洁方式

智慧企业当然选择智能清洁

Bid farewell to traditional cleaning methods  
Of course, **smart enterprises** choose **smart cleaning**



# | 产品优势 Product Advantages

## 人机交互 Human-machine interaction

拟人化设计，有趣的人性化交互表情，工作状态清晰可见。

Anthropomorphic design, interesting humanized interactive expressions, and clear working status.



## 智慧管理 Smart management

APP和云平台双端管控，支持任务排班、临时任务、远程维护，清洁数据一目了然。

Dual-end management and control of APP and cloud platform, support task scheduling, temporary tasks, remote maintenance, and the cleaning data is clear at a glance.



双端管控  
Dual-ended control



一目了然  
Clear at a glance



远程维护  
Remote maintenance



任务排班  
Task scheduling



## 全程智能 Smart all the way

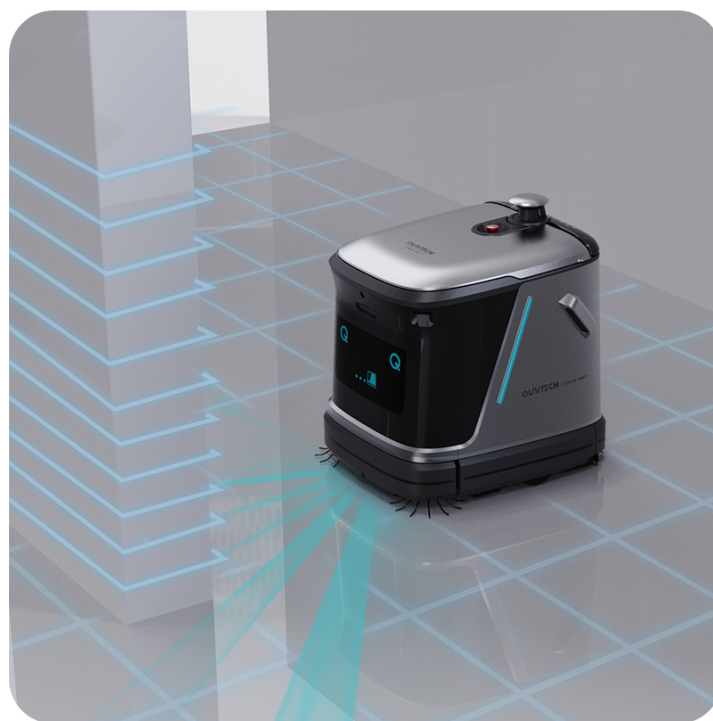
AI智能巡检，断点续扫；随环境变化自动更新地图；  
自主乘电梯、过闸机，跨楼层作业；  
搭配全能基站，自动回充、加排水。

AI intelligent inspection, breakpoint resumption;  
automatic map update as the environment changes;  
autonomous use of elevators and gates, and cross-floor  
operations; combined with multi-functional charging  
dock, automatic water supply and drainage.

## 安全无忧 Safe and reliable

多种传感器融合先进算法，高效探测，  
更快反应，完美避障，可识别行人、物体、台阶等，  
实现多重安全保障。

With multiple sensors, integrated with advanced algo-  
rithms, efficient detection, faster response, the product  
can identify pedestrians, objects, steps, etc., and  
achieve multiple safety guarantees.



## 超强续航 Superior battery endurance

Q3-G多功能基站：超强快充提效，超大水箱  
智能上下水，全场景灵活安置。

Q3-W充电基站：超强快充补电，悬挂灭火  
器保障安全。

机器人：三元锂 / 磷酸铁锂电池 + 超级快  
充，续航长、性能稳，高强度作业无压力。

Q3-G Multifunctional base station: Super fast charging to  
improve efficiency, super large water tank for intelligent  
water supply and discharge, flexible placement in all sce-  
narios.

Q3-W Charging base station: Super fast charging to replen-  
ish power, hanging fire extinguisher to ensure safety.

Robot: ternary lithium / lithium iron phosphate battery +  
super fast charging, long battery life, stable performance,  
no pressure for high-intensity operation.







## 齐元Q3-G (多场景扫拖款)

Q3-G是多场景扫拖款机器人，一机多用，洗地、吸尘、尘推功能三合一，适用于多种场景，可以提供高效、频繁地清洁工作，保持地面的洁净，提升各个场景的清洁标准和用户体验，维持良好的商业形象，提升品牌效益。

Q3-G is a multi-scenario sweeping and mopping robot. It is a multi-purpose machine with 3-in-1 function of mopping, vacuuming and dust mopping. It is suitable for a variety of scenarios, and can provide efficient and frequent cleaning, keep the floor clean, improve the cleaning standards and user experience of various scenarios, maintain a good business image, and improve the brand benefits.



### 强力清洁 Powerful cleaning

双滚拖+滚刷设计，500转/分/滚拖，1500转/分/滚刷，洗刷一体，同步进行，有效去除顽固污渍；地面、地毯强力直吸，15000pa超大吸力，灰尘、碎屑一吸而净。

Double roller mop + roller brush, 500rpm/roller mop, 1500rpm/roller brush, scrubbing and vacuuming in one, effectively remove stubborn stains. Strong direct suction on floors and carpets, 15KPa super suction, dust and debris can be sucked away.



标准车间  
Factories



智能仓储  
Smart warehouses



写字楼  
Offices



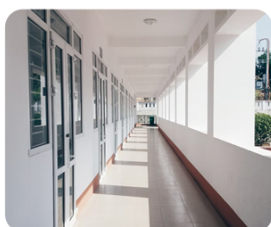
商业综合体  
Commercial complexes



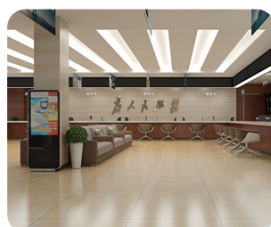
酒店  
Hotels



医院  
Hospitals



高校  
Schools



政务司法  
Government Affairs Centers



交通枢纽  
Transportation hubs



各类场馆  
Various venues



# | Q3-G 产品参数 Parameters of Q3-G

| 内容 Contents                             |                                    | 参数 Parameters                                             |
|-----------------------------------------|------------------------------------|-----------------------------------------------------------|
| 基本信息<br>Basic info                      | 产品尺寸<br>Product size               | 580(L)*500(w)*600(H)mm                                    |
|                                         | 产品净重<br>Product weight             | 68.5kg                                                    |
|                                         | 电池类型<br>Battery type               | 三元锂/磷酸铁锂<br>Ternary lithium/Lithium iron phosphate        |
|                                         | 标称电压<br>Nominal Voltage            | 25.9V/25.6V                                               |
|                                         | 噪音<br>Noise                        | <70dB                                                     |
| 清洁能力<br>Cleaning ability                | 清洁功能<br>Cleaning function          | 洗地、扫地、吸尘、尘推<br>Mopping, Sweeping, Vacuuming, Dust-Mopping |
|                                         | 洗地效率<br>Mopping efficiency         | 350-500m²/h                                               |
|                                         | 扫地效率<br>Sweeping efficiency        | 400-600m²/h                                               |
|                                         | 吸尘效率<br>Vacuuming efficiency       | 350-500m²/h                                               |
|                                         | 尘推效率<br>Dust-Mopping efficiency    | 400-650m²/h                                               |
|                                         | 洗地作业宽度<br>Scrubbing width          | 300mm                                                     |
|                                         | 清扫作业宽度<br>Cleaning width           | 490mm                                                     |
|                                         | 最大行进速度<br>Maximum travel speed     | 0.8m/s                                                    |
|                                         | 最大爬坡角度<br>Maximum climbing angle   | 8°                                                        |
| 续航能力<br>Endurance                       | 电池容量<br>Battery capacity           | 46Ah                                                      |
|                                         | 续航时间<br>Endurance Time             | 2-3.5h                                                    |
|                                         | 充电时间<br>Charging time              | 2.5h/2h                                                   |
|                                         | 清水箱<br>Clean water tank            | 8L                                                        |
|                                         | 污水箱<br>Sewage tank                 | 6L                                                        |
|                                         | 尘袋<br>Dust bag                     | 2L                                                        |
| 多功能基站<br>Multi-function<br>base station | 产品尺寸<br>Product size               | 528(L)*300(w)*700(H)mm                                    |
|                                         | 产品净重<br>Product weight             | 25kg                                                      |
|                                         | 输入电压<br>Input Voltage              | AC100-240V                                                |
|                                         | 额定输出电压<br>Rated Output Voltage     | 29.5V                                                     |
|                                         | 额定输出功率<br>Rated Output Power       | 700W                                                      |
|                                         | 最大充电电流<br>Maximum charging current | 20A                                                       |
|                                         | 工作温度<br>Operating temperature      | 0-40℃                                                     |
|                                         | 清水箱<br>Clean water tank            | 25L                                                       |
|                                         | 污水箱<br>Sewage tank                 | 25L                                                       |



## 齐元Q3-W (服装厂强吸款)

Q3-W是服装厂强吸款机器人，适用于多种车间场景，拥有高达25KPa的吸力，轻松应对布料纤维、线头、废布料、灰尘等常见垃圾，从而避免灰尘污染、布条堆积等导致的巷道脏乱，实现服装厂、智能工厂等环境下柔性垃圾的清洁，是一款降低人工清洁成本，提升清洁效率的扫地清洁机器人。向“高端化、智能化、绿色化”方向砥砺前行。

Q3-W is a kind of high-suction robot for garment factories. It is suitable for a variety of workshop scenarios with suction force of 25KPa and can easily deal with common garbage such as cloth fibers, thread ends, waste cloth, dust, etc., thus avoiding dust pollution, accumulation of cloth strips, etc., which causes dirty alleys, and can remove soft garbage in garment factories, smart factories and other environments. It is a sweeping and cleaning robot that reduces manual cleaning costs and improves cleaning efficiency. Forge ahead in the direction of "high-end, intelligent and green".

### 超大扫轮，极强吸力

特制扫轮和25KPa强大吸力，专业应对服装厂布料纤维、线头等顽固垃圾。

Special sweeping wheels and 25KPa powerful suction are specially designed to deal with stubborn garbage such as fabric fibers and thread ends in garment factories.

### 精准导航，安全避障

能智能建图、精确导航、障碍识别、安全保障、乘坐电梯等，部署省力省心。

It can intelligently build maps, accurately navigate, identify obstacles, provide safety assurance, and allow users to take elevators, making deployment effortless and worry-free.



布条/裁片  
Fabric strips/Cut pieces



线料/头发  
Thread materials/Hair



纤维/绒毛/棉絮  
Fibers/Fluff/Cotton wadding

### 超大面积，高效清扫

针对服装厂特别设计的16L超大尘盒，清洁面积4000m<sup>2</sup>，无惧大面积，产线仓库都能扫。

The 16L extra-large dust box is specially designed for garment factories. It can clean 4,000 m<sup>2</sup> of area and can clean production lines and warehouses without worrying about large areas.

### 超强续航，安全保障

三元锂电池 + 超级快充，续航长、性能稳，长时间高强度持续作业无压力。

充电基站超强快充补电的基站，悬挂灭火器保障安全。

Ternary lithium battery + super fast charging, long battery life, stable performance, long-term high-intensity continuous operation without pressure. Charging base station Super fast charging base station, hanging fire extinguisher to ensure safety.



制衣车间  
Garment workshop



制鞋车间  
Shoemaking workshop



充绒车间  
Velvet filling workshop



智能仓库  
Smart warehouse



办公区域  
Office Area

# | Q3-W 产品参数 Parameters of Q3-W

| 内容 Contents                      |                                    | 参数 Parameters                |
|----------------------------------|------------------------------------|------------------------------|
| 基本信息<br>Basic info               | 产品尺寸<br>Product size               | 675(L)*516(w)*656(H)mm       |
|                                  | 产品净重<br>Product weight             | 56kg                         |
|                                  | 电池类型<br>Battery type               | 三元锂<br>Ternary lithium       |
|                                  | 标称电压<br>Nominal Voltage            | 46.8V                        |
|                                  | 噪音<br>Noise                        | <70dB                        |
| 清洁能力<br>Cleaning ability         | 清洁功能<br>Cleaning function          | 扫地、吸尘<br>Sweeping, Vacuuming |
|                                  | 清洁效率<br>Cleaning efficiency        | 500-800m²/h                  |
|                                  | 清扫作业宽度<br>Cleaning width           | 670mm                        |
|                                  | 最大行进速度<br>Maximum travel speed     | 0.8m/s                       |
|                                  | 最大爬坡角度<br>Maximum climbing angle   | 8°                           |
| 续航能力<br>Endurance                | 电池容量<br>Battery capacity           | 60Ah                         |
|                                  | 续航时间<br>Endurance Time             | 4-6h                         |
|                                  | 充电时间<br>Charging time              | 1.5h                         |
|                                  | 尘盒<br>Dust box                     | 16L                          |
| 充电基站<br>Charging<br>base station | 产品尺寸<br>Product size               | 425(L)*220(w)*533(H)mm       |
|                                  | 产品净重<br>Product weight             | 14.5kg                       |
|                                  | 输入电压<br>Input Voltage              | AC200-240V                   |
|                                  | 额定输出电压<br>Rated Output Voltage     | 54.6V                        |
|                                  | 额定输出功率<br>Rated Output Power       | 1350W                        |
|                                  | 最大充电电流<br>Maximum charging current | 24A                          |
|                                  | 工作温度<br>Operating temperature      | 0-40℃                        |



# | 关于齐元 About OUNITECH

## AI赋能清洁 科技改变世界

AI Empowers Cleaning, Technology Changes the World

浙江齐元机器人有限公司（简称齐元机器人）是一家专注于AI清洁机器人领域的国家高新技术企业，公司秉承“成人达己、知行合一、守正创新、实事求是”的核心价值观，遵循技术自研、产品自造、品牌自主的经营策略，以市场为导向，以客户为中心，以人才为基石，坚持饱和式研发投入、全栈式技术创新，先后获得各类专利技术证书60多项，致力于为客户提供高标准、高效率、高品质的室内清洁机器人，让客户省心省力更省钱。

Zhejiang Ounitech Robotics Co., Ltd. (referred to as Ounitech Robotics) is a National High-tech Enterprise focusing on the field of AI cleaning robots. Insisting on the core values of "helping others and achieving oneself, unity of knowledge and action, upholding integrity and innovation, and seeking truth from facts", Ounitech Robotics follows the business strategy of "self-research of technology, self-manufacturing of products, and independent brand". Being market-oriented, customer-centric, talent-driven, Ounitech Robotics insists on saturated R&D investment and full-stack technological innovation, and has successively obtained more than 60 patent technology certificates of various types. Ounitech Robotics is committed to providing customers with high-standard, high-efficiency, and high-quality indoor cleaning robots, saving time, effort and money for customers.

### 三省初心:

Three saving intention:

为客户创造价值,  
让客户省心、省力、更省钱

Creating value for customers, saving  
time, effort and money for customers.

### 三高产品:

Three high requirements:

高标准、高效率、高品质

High-standards, high-efficiency,  
high-quality.

### 三自策略:

Three strategies:

技术自研、产品自造、  
品牌自主

Self-developed technology,  
self-manufacturing, independent brand.



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