

驰健 **INSIGHT**

驰健新产品 上市通知

产品名称

RC50 楼梯机

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目录 CONTENTS

01 开发说明 DEVELOPMENT STATEMENT

02 产品综述 PRODUCT OVERVIEW

03 主要参数 MAIN PARAMETERS

04 产品特点 PRODUCT FEATURES

05 营销支持 MARKETING SUPPORT

开发说明 DEVELOPMENT STATEMENT

R 系列作为驰健在商用有氧设备领域打造的旗舰产品线，以稳定可靠的运行表现与流畅舒适的运动体验赢得市场认可。系列产品涵盖跑步机、椭圆仪、立式车与卧式车等核心有氧设备，构建起完整的商用有氧训练解决方案。此次推出的 RC50 楼梯机，正是基于对商业健身场景的深入洞察与用户需求的持续研究，为 R 系列有氧产品体系注入新的活力，使产品生态更加完整，进一步满足多样化训练需求。

RC50 楼梯机以“经济耐用与高性价比”为核心定位，专为商业健身房长期高频使用环境而设计。在确保设备稳定运行的基础上，重点优化操作体验与维护效率，使设备在使用便捷性、可靠性与运营成本之间取得理想平衡。同时，通过多重智能感知系统与多样化训练模式的融入，为用户提供更加丰富且沉浸的运动体验。

设备侧护罩采用先进制造工艺与环保新型材料打造，提供多种质感外观选择，在保证耐用性的同时增强空间美学表现。RC50 不仅是一台有氧训练设备，更是帮助健身场馆提升空间品质、优化运营效率、塑造差异化健身环境的重要组成部分。

The R Series, developed as Insight's flagship line of commercial cardio equipment, has earned strong market recognition through its reliable performance and smooth, comfortable training experience. The series includes a comprehensive range of cardio solutions—treadmills, ellipticals, upright bikes, and recumbent bikes—forming a complete ecosystem for commercial fitness environments.

The introduction of the RC50 Stair Climber is the result of deep insight into commercial gym operations and continuous research into user needs. Its addition further enriches the R Series cardio lineup, completing the product ecosystem and offering facilities more diverse training options.

Positioned around the core principles of durability, efficiency, and exceptional value, the RC50 is designed specifically for high-frequency use in commercial gyms. While ensuring stable and reliable operation, the machine also focuses on ease of use and maintenance efficiency, achieving an optimal balance between usability, reliability, and long-term operational cost.

To enhance the overall workout experience, the RC50 integrates multiple intelligent sensing technologies and diverse training modes, delivering a more engaging and immersive cardio experience for users.

The side covers are manufactured using advanced production processes and environmentally friendly materials, offering multiple texture and finish options. This allows facilities to match different interior styles while maintaining durability and visual appeal.

More than just a cardio machine, the RC50 helps fitness facilities elevate their training environment, improve operational efficiency, and create distinctive workout spaces that strengthen their competitive edge.

产品详述 INDIVIDUAL PRODUCT DETAILS

RC50 楼梯机 Climber



1. 产品卡 Identity Card

型号 (Model)	RC50
中文名 (Chinese Name)	楼梯机
英文名 (English Name)	Climber
产品系列 (Series)	R 系列 R Series
核心优势 (Core Strength)	<ul style="list-style-type: none"> 1、经济耐用与高性价比 (Economical, Durable & High Value) 2、百万次商用级耐久 (1-Million-Cycle Commercial Durability) 3、多重智能感知系统 (Multi-Intelligent Sensing) 4、全面安全防护机制 (Comprehensive Safety Ecosystem)

一句话点评 (One-line Pitch)

“在极致耐用与运营效率之间取得完美平衡，以智能交互与多维姿态定义高性价比商用攀爬体验。”

"A perfect balance between extreme durability and operational efficiency, redefining cost-effective commercial climbing through smart interaction and multi-dimensional postures."

2. 产品综述

RC50 是一款面向商业健身场馆打造的专业级楼梯训练机，在坚固结构与经济实用性之间取得了理想平衡。其外观设计简约稳重，能够自然融入大众健身俱乐部、快健身场馆及私教工作室等多元场景。

机身采用高强度碳钢结构，关键传动系统选用商用级链条，并结合高扭矩自锁电控技术。设备在 150kg 负载条件下顺利通过百万次极限耐久测试，完全胜任商业场馆 7×24 小时的高频率运转需求。18.5 英寸 LED 亚克力面板电子表确保运动数据在任何光线环境下均清晰直观。

RC50 融合了全尺寸侧扶手、人体工学手柄与独特上扶手结构，为用户提供稳固的支撑与多样的攀爬姿态。此外，设备集成多重智能感知系统，涵盖多阶阻力动态适配、异物识别无线充电及无人自动锁停技术，在提升交互科技感的同时，为用户构建了多维度的安全屏障。

2. Product Overview

RC50 is a professional-grade climber designed for commercial facilities, striking an ideal balance between robust construction and economic practicality. Its sleek, steady aesthetic seamlessly integrates into mainstream fitness clubs, express gyms, and personal training studios.

Featuring a high-strength carbon steel frame and commercial-grade chain drive paired with high-torque self-locking electronic controls, the unit has surpassed a 1-million-cycle durability test under a 150kg load, ensuring reliability for 24/7 high-frequency use. The 18.5-inch LED acrylic console provides crystal-clear workout metrics in any lighting condition.

RC50 combines full-length side rails with ergonomic handles and a unique upper-handrail structure, providing stable support for various climbing postures. Furthermore, the machine is equipped with a multi-intelligent sensing system—including multi-stage dynamic resistance adaptation, foreign object detection for wireless charging, and auto-stop sensors—delivering a tech-forward interactive experience while maintaining a comprehensive safety perimeter.

3. 产品卖点 | Key Features

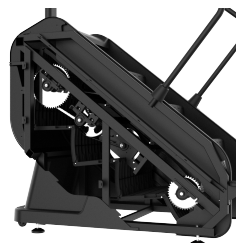


顶级商用品质与高性价比

在保证坚固耐用的核心优势基础上，优化维护效率与运营成本，是商业健身房追求降本增效的高性价比之选。

Premier Quality & High Cost-Performance

While maintaining its core strength of durability, the RC50 optimizes maintenance efficiency and operational costs, making it a high-value choice for clubs seeking ROI.



百万次商用级极限耐久

高强度碳钢架构配合商用传动核心，在 150kg 负载下完成百万次耐久测试，保障在长期高频使用下的稳定性。

1-Million-Cycle Commercial Durability

High-strength carbon steel architecture and commercial-grade drive components passed a 1-million-cycle durability test under a 150kg load, ensuring stability under heavy-duty use.



多重智能感知系统

集成动态阻力适配、无线充电异物识别及无人自锁停机技术，实现设备与用户的深度智能交互与主动安全。

Multi-Intelligent Sensing System

Integrated dynamic resistance, FOD wireless charging, and auto-lock sensors enable deep interaction and proactive safety protection.



多姿攀爬支撑结构

全尺寸侧扶手、人体工学手柄与独特上扶手设计，适配不同身高训练者，提供稳固且多元化的运动支撑。

Multi-Position Climbing Support

Full-size side rails, ergonomic handles, and unique upper-rail design accommodate users of all heights, providing stable and diverse movement support.

3. 产品卖点 | Key Features



沉浸式视觉交互

18.5英寸LED亚克力控制面板，数字显示清晰直观，预设多种专业训练程序，显著提升训练趣味性与个性化。

Immersive Visual Interface

The 18.5-inch LED acrylic console offers clear, intuitive data display and pre-set programs to enhance engagement and personalized training.



全面安全防护机制

红外光电急停、三秒无人自动锁止、防滑踏板及多重急停控制，构建无死角的安全防护，确保极端情况下的极速响应。

Comprehensive Safety Ecosystem

Features infrared emergency stops, 3-second auto-lock, and multi-point controls to build a zero-blind-spot safety system with rapid response.



多样化空间美学

侧护罩采用前沿工艺与环保材料，提供多种质感外观方案，轻松适配各种高端商用空间的视觉设计风格。

Versatile Spatial Aesthetics

Side covers utilize advanced eco-friendly materials with multiple texture options to complement the interior design of premium fitness spaces.

4.主要参数

产品尺寸 (长x宽x高) Dimensions (L × W × H)	1461mm×830mm×2139mm
包装尺寸 Packaging Dimensions	1340mm×955mm×1330mm
毛重/净重 Gross Weight / Net Weight	205/161kg
使用者最大体重 Maximum User Weight	150kg
脚踏板宽度 Foot Pedal Width	242mm×558mm
脚踏板高度 Foot Pedal Height	205mm
输入电压 Input Voltage	AC100-240V, ~50/60Hz
额定功率 Rated Power	150W
输出电压 Output Voltage	DC24V
屏幕类型 Screen Type	18.5英寸LED显示屏 18.5-inch LED Console
屏幕材质 Screen Material	亚克力 Acrylic

4.主要参数

点阵窗口 Dot Matrix Window	6LED窗口+32*12点阵 6 LED windows + 32×12 dot matrix
处理器参数 Processor Parameters	8位微控制器 8-bit microcontroller
内存参数 Memory Parameters	32K 内存 32K RAM
显示信息 Display Information	时间、步数、步频，楼层，卡路里、速度、心率、程序模式、故障原因等功能 Time, Steps, Cadence, Storey, Calories, Speed, Heart rate, Program modes, Fault diagnosis
速度范围 Speed Range	25~169步/分钟(SPM) 25~169 steps/minute
速度档位 Speed Levels	1~25
速度增量 Speed Increment	6步/分钟 6 steps/minute
速度快捷档位 Fast Speed Gear	1、4、8、12、16、20
快捷按键 Quick Access Keys	速度升降 Speed adjustment,
运动模式 Training Modes	快速启动、程序模式(10种预设的训练程序)目标模式 Quick start, program modes (10 preset training programs) target mode

4.主要参数

急停开关样式 Emergency Stop Switch Style	按压式 Press-type
安全绳 Safety Key	无 NO
节能环保 Energy-Saving Function	系统无人感应，自动待机，熄屏 System unmanned sensing, automatic standby,screen off
充电功能 Charging Function	无线充电 Wireless charging
水杯架 Cup Holder	有 Yes
手机架 Phone Holder	有 Yes
蓝牙 Bluetooth	选配 Optional
WIFI	选配 Optional

营销支持与业务流程 MARKETING SUPPORT & OPERATIONS

定制化方案 (ODM):

销售人员如需根据客户品牌需求调整产品颜色或 Logo, 请通过钉钉提交“业务需求单”。

营销素材包:

营销素材 (高清效果图、细节图、卖点等) 已更新至官网, 业务人员可按需下载使用。

For requests regarding custom colors or logos, please submit a "Business Request Form" via DingTalk. Marketing assets are available on the official website.