

北京销售公司

销售电话：010-62571592 服务电话：010-61778254 传真：010-58043695

上海销售公司

销售电话：021-55885195 服务电话：021-67723155 传真：021-55898588

深圳销售公司

销售电话：0755-26471661 服务电话：0755-26756283 传真：0755-26482740

西安销售公司

销售电话：029-82682011 服务电话：010-61778254 传真：029-82681519

成都办事处

销售电话：028-83208009 服务电话：010-61778254 传真：028-61551244

总部地址：北京市海淀区中关村北二条13号（100190）

总部维修热线：18611455288

投诉电话：010-82548038 投诉邮箱：zlb@kyky.com.cn

公司网址：www.kyky.com.cn 邮箱：market@kyky.com.cn sales@kyky.com.cn

Address: No.13, Beiertiao, Zhongguancun, Haidian District, Beijing, P.R. China

Zip Code: 100190

Tel: +86-10-62520080 Fax: +86-10-58043695

E-mail: intemational@kyky.com.cn Website: www.kyky.com.cn

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KYKY 北京中科科仪股份有限公司
KYKY TECHNOLOGY CO., LTD.

科技创造美好生活

Vacuum Generation
真空获得设备

www.kyky.com.cn

COMPANY PROFILE
公司简介



北京中科科仪股份有限公司，中国真空技术、电子光学的引领者，中国第一台分子泵、第一台商品化氦质谱检漏仪、第一台扫描电子显微镜、第一台磁悬浮分子泵的诞生地，六十年来一直致力于为全球真空技术合作伙伴提供全方位的真空技术解决方案。研制并生产真空获得、真空检漏、真空测量、系统集成等多元化的真空产品，在生命科学、医药工程、汽车工业、航天航空、能源工业、建筑材料、现代装饰、高端电子消费品等领域发挥着重要作用。

以不断追求技术创新，贴近客户需求为初心，我们将继续引领国内真空技术发展的潮流，推动着中国真空技术的不断发展，为客户提供更加优质的产品和便捷的服务。

KYKY TECHNOLOGY CO., LTD., was founded in 1958, the pioneer of vacuum technology and electron optics in China. In the past 60 years, KYKY has been dedicated to providing comprehensive vacuum solutions to the customers all over the world.

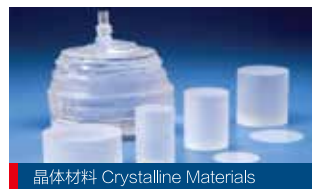
KYKY invented the first set of Turbo Molecular Pump, Commercial Helium Leak Detector and Scanning Electron Microscope in China.

KYKY offers vacuum technology solutions, consultation and services to our customers. The main products are applied in the fields of Life Science, Medicine Engineering, Automobile Industry, Aerospace, Energy Industry, Construction Materials, Modern Decoration, High-end Consumer Electronics, etc.

In the spirit of technology innovation and customer orientation. KYKY will continuously contribut to the further development in vacuum industry of China.

APPLICATIONS 应用领域

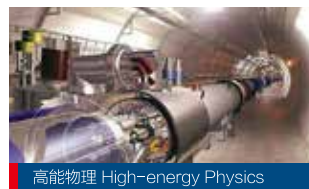
真空获得 Vacuum Generation



晶体材料 Crystalline Materials



医疗设备 Medical Equipments



高能物理 High-energy Physics



激光设备 Laser Equipments



IC制造 IC manufacturing



LOW-E玻璃镀膜 Low-e Glass Coating



分析仪器 Analytical Instruments



光热发电 Photothermal Generation



光学镀膜 Optical Coating



科研 R&D



平板显示 Panel Display



装饰镀膜 Decorative Coating

真空检漏 Vacuum Leak Detection



能源制造 Energy Production



航天工业 Space Industry



汽车工业 Automotive Industry



电力电气 Electricals and Electronics



阀门工业 Valve Industry



动力电池 Battery



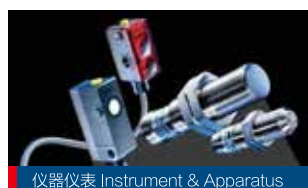
低温制冷 Cryogenic Refrigeration



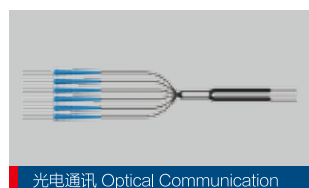
电子元件 Electronic Component



换热系统 Heat Transfer System



仪器仪表 Instrument & Apparatus



光电通讯 Optical Communication



真空设备 Vacuum System



科技创造美好生活

真空获得业务 / Vacuum Generation

中科科仪在真空获得产品研发与制造方面具有多年经验，产品包括系列分子泵、系列分子泵机组、系列离子泵、系列插板阀、配套控制器等。自上世纪七十年代研制出我国第一台立式涡轮分子泵以来，中科科仪始终坚持以市场需求为导向、以满足客户需求为目标，秉承创新求发展的企业精神，相继推出了系列油润滑、系列脂润滑和系列磁悬浮分子泵等产品。产品广泛应用于质谱、表面分析等仪器行业和光学镀膜、平板显示、离子刻蚀、光盘制造、太阳能电池、照明等工业企业以及实验教学、科学研究等领域，凭借优异的产品性能赢得了广大用户的厚爱。

高品质的产品源于我们不断的技术创新和对质量的不懈追求。通过持续的研发与技术创新和对真空事业的热情与承诺，我们将坚持为客户提供更加优质的产品和服务。

KYKY TECHNOLOGY CO., LTD. has many years of experiences in R & D and manufacturing of vacuum generation products, including series molecular pumps, series molecular pump stations, series ion pumps, series gate valves and supporting controllers. Since developing the first vertical turbo molecular pump in 1970's, KYKY always orients to the demand-driven market, aims to meet the requirement of our customers, and continuously launches new products in the enterprise spirit of developing on innovation. Sequentially KYKY launches Oil-lubricated series turbo molecular pumps, grease-lubricated series molecular pumps and CXF-series magnetically levitated molecular pumps. KYKY molecular pumps are widely applied to instrument fields of mass spectrometers and surface analyzers, to optical filming, panel display, ion etching, disc manufacturing, solar cells and lighting enterprises, and to academic institutions and R & D institutes. By virtue of excellent cost performance, these products win good reputation from the majority of users.

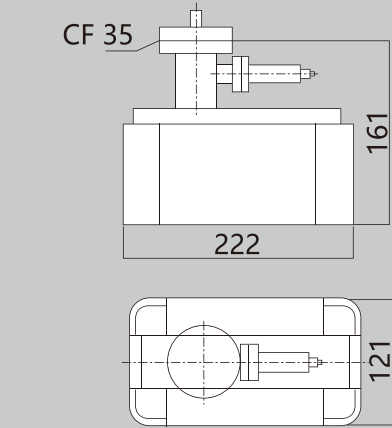
High quality products are derived from our continuous technical breakthrough and pursuit of quality. KYKY will persistently provide better products and quality services for customers by our continuous innovation, passion and commitment.

SPUTTERION PUMP
溅射离子泵

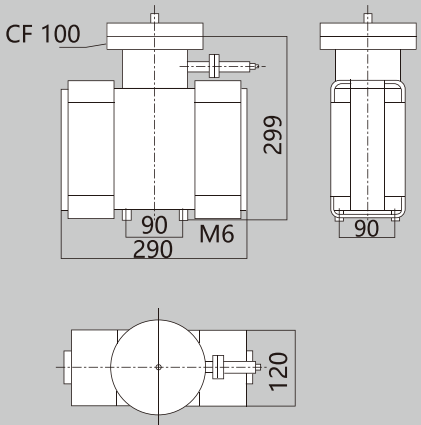


OUTLINE DIMENSIONS DRAWING(MM)
安装尺寸图

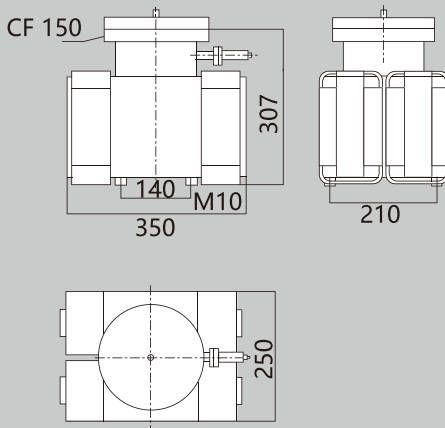
2L-25/3L-25



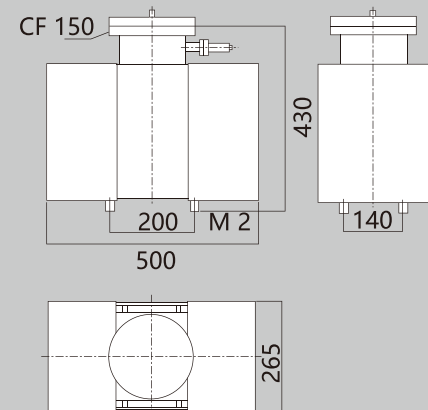
2L-50/3L-50



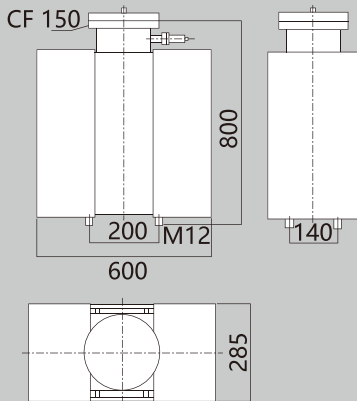
2L-100/3L-100



2L-200B/2L-200C



2L-400



SPECIFICATIONS
技术指标

型号 Model		2L-25	3L-25	2L-50	3L-50	2L-100	3L-100	2L-200B	2L-200C	2L-400	3L-400	2L-400C	3L-400C
接口法兰 Flange		DN35CF	DN35CF	DN100CF	DN100CF	DN150CF	DN150CF	DN150CF	DN150CF	DN150CF	DN150CF	DN150CF	DN150CF
抽气速率 (L/S) Pumping speed	对空气 (air)	22	21	65	55	120	110	230	220	450	420	450	420
	对氩气 (Ar)	0.3	6	0.6	12	1.2	24	2.4	2.4	4.5	85	4.5	85
启动压力 (Pa) Start-up pressure		≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴	≤5 × 10 ⁻⁴
极限压力 (Pa) Ultimate pressure		7 × 10 ⁻⁸	7 × 10 ⁻⁸	7 × 10 ⁻⁸	7 × 10 ⁻⁸	7 × 10 ⁻⁸	7 × 10 ⁻⁸	2.7 × 10 ⁻⁸	1 × 10 ⁻⁸	2.7 × 10 ⁻⁸	2.7 × 10 ⁻⁸	1 × 10 ⁻⁸	1 × 10 ⁻⁸
烘烤温度 (°C) Baking temperature	带磁铁 With magnetic	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
	不带磁铁 Without magnetic	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300	<300
工作电压 (KV) Working voltage		+7	-5	+7	-5	+7	-5	+7	+7	+5	-5	+5	-5
电极单元(个) Electrode unit		1	1	2	2	4	4	4	4	4	4	4	4
安装尺寸 (mm) Dimension				90 × 90 (4-M6)		140 × 210 (4-M10)		200 × 140 (4-M12)		200 × 140 (4-M12)		200 × 140 (4-M12)	
长 × 宽 × 高 (mm) L*W*H		222 × 121 × 161		290 × 120 × 299		350 × 250 × 307		500 × 265 × 430		500 × 265 × 600		500 × 265 × 600	
重量 (kg) weight		8	8	22	22	38	38	100	100	153	153	153	153

ION PUMP CONTROLLER
离子泵控制器



离子泵控制器(A型、C型)是专门与溅射离子泵配套使用的电子仪器，用以启动和控制离子泵的工作。控制面板仪表可显示离子泵的工作电压、离子流。控制器设计有工作过载和变压器过温保护功能。

Ion Pump Controllers are exclusive devices for start-up and control of KYKY's ion pumps. The controllers are functional of display of operation voltage, ion flow, overload and overheat protections.

控制器选用 Available for

2LD-400A,2LD-400C型控制器，适用于2L-400、2L-400C、2L-200B、2L-200C、2L-100、2L-50、2L-25型离子泵。
Controller 2LD-400A, 2LD-400C are available for Ion pumps 2L-400, 2L-400C, 2L-200B, 2L-200C, 2L-100, 2L-50, 2L-25.

3LD-400C 型控制器适用于3L-400、3L-400C、3L-100、3L-50、3L-25型离子泵。
Controller 3LD-400C are available for Ion pumps 3L-400, 3L-400C, 3L-100, 3L-50, 3L-25.