

石家庄市万利鑫工贸有限公司

测温传感器 专业生产厂家

企业简介 Company Profile

石家庄市万利鑫工贸有限公司成立于 2002 年，总部位于北方经济重镇-石家庄，是为冶金行业供应测量探头和仪器的供应商。公司的工程师和专业高级人才不断改善产品系统和技术，旨在生产高质量的产品。从单一生产经营测温仪、快速热电偶、钢、铁水取样器，到研发生产连续测温系统、定氧系统、副枪系统及定氢系统的相关仪表、探头，到现在的制造部分冶金行业设备。公司在冶金行业的发展过程中，通过不断的开拓创新也在逐步变大、变强。公司产品畅销全国三十个省市，更远销到东南亚、非洲。公司设有驻省外办事处四个，并配有受过专业培训的售后服务队伍六个。公司现占地总面积七十余亩，拥有员工 517 人，其中高级工程技术人员 32 人，技术力量雄厚，可以满足所有客户的需求。

Founded in May 2002, Shijiazhuang Wanlixin Industrial and Trade Co., Ltd. headquarters in Shijiazhuang, the northern economic powerhouse, which supplies measuring probes and instruments for metallurgy industry. The engineers and professional senior talents constantly improves product system and technology to produce high-quality products. During the development process from single production and management of fast thermocouple, molten steel sampler, to research, develop and produce relevant instruments and probes for oxygen measurement system and hydrogen measurement system, to manufacture equipment in metallurgy industry, the company gradually enlarges and strengthens itself by constant innovation. Our products sell well in about 30 provinces and cities and even in Southeast Asia, Europe, South America and Africa, etc. The company sets up four offices outside Hebei Province, in which 6 professionally trained after-sales teams are equipped. The company occupies a total area of over 46666 square meters. We have 517 employees, including 32 senior engineering and technical personnel. With strong technical force, the company can meet all customers' demands.

公司奉行“以人才为根本，以科技保质量，以质量求生存，以创新促发展”的管理方针，坚持“稳定质量促发展，降低成本增效益”的经营思想，发扬“诚信、敬业、进取”的企业精神，大胆创新，应用新技术、新材料、新工艺、新手段保证产品质量，公司产品已通过质量体系认证，ISO9001。公司通过不断进取在行业内已经成为了受客户认可和尊敬的专业供应商之一。

Our company pursues the management policy of “ taking talented person at first, ensuring quality through science and technology, striving for the survival by the quality, promoting development through innovation", adheres to the management idea of “promoting development by stable quality, increasing benefit by reducing the cost” and carries forward the enterprise spirit of “integrity, dedication, and progressive”. With bold innovation, new technology, new materials, new techniques, new methods are applied to ensure product quality. The company's products have passed ISO9001 certificate of quality system. Through constant progress, the company has become one of the professional suppliers recognized and respected by customers.

“一切让客户满意”是我们始终追求的目标，我们将不断学习，努力进取，一如继往地为广大客户提供一流的产品，优质的服务。

It is always our objective of ” everything will meet the customers”. We will constantly learn and improve, always offer first-rate products and high-quality service to customers.

热诚欢迎新老朋友到我公司参观指导，洽谈业务！我们渴望与您合作！

Warmly welcome old and new friends to visit our company and for business negotiations! We desire to cooperate with you!

质量 Quality

本公司一直专注于质量。

Our company has always been focusing on quality.

优质的服务...我们的用户不仅是客户 而且是合作伙伴。通过各种应用, 以及由各种替代方式提供的技术支持(本地支持、服务台、可用的技术和安全信息...), 还有经验丰富且经常拜访我们客户的工程师, 来持续关注标准化和最优程序。

Quality service ... Some of the fundamental aspects in the relationship with our esteemed customers: Our users are our partners, not just our customers, Continuous focus on standardization and best procedures by means of various applications, technical support provided in various alternative ways (local support, help-desk, availability of technical and safety information...), experienced engineer who regularly visit our customers.

产品介绍 Product Introduction

1. 钢系列 STEEL LINE

1.1 钢系列>>传感器 STEEL LINE >> SENSORS

热电偶 Thermocouples



我公司生产各种铂铂/铑 (Pt-Pt / Rh) 及钨铼 (WRe3/25) 快速热电偶，用于测量金属溶液的温度范围。按照国内 YB/T163-2008 标准，国际实用温标 (IPTS) 68 和 (ITS) 90 的标准进行生产。

Our company produces a broad range of platinum-platinum/rhodium (Pt-Pt/Rh) and WRe3/25 immersion thermocouples used to measure the full temperature range of molten metal for all applications. The immersion thermocouples are produced pursuant to the YB/T163-2008 and IPTS 68 and ITS 90 standards.

快速热电偶的生产符合质量标准 ISO 9001:2000。他们与市场上最普遍的连接系统和仪器系统可兼容、可互换。

The immersion thermocouples are produced in accordance with quality standard ISO 9001:2000. They are compatible and interchangeable with the most widespread connection and instrument systems on the market.

定氧探头 Oxygen measurement probe



我们的定氧探头(温度和氧气)测量液态金属的温度和自由氧的百万分率 (ppm) , 测量时间不到 10 秒。由测氧探头测出的两个平均值 (mV) 信号被传输入仪器, 经过加工和可视化处理来显示温度值和自由氧的百万分率; 此外, 可自动计算出钢液池中溶解的碳和铝含量。

Our TOX (Temperature & Oxygen) probes measure the temperature and ppm of free oxygen in liquid metal, in less than 10 seconds. The two mV signals generated by the TOX probes are transmitted to the instrument, processed and visualized so as to display the values of temperature and ppm of free oxygen; furthermore, the value of %C or %Al dissolved in the bath of liquid steel is automatically calculated.

定碳 Carbon measurement



经济且便于使用，定碳杯能够快速准确测出钢液中的碳含量。另外,我公司生产两种类型的定碳杯: 1) 定碳圆杯 ; 2) 定碳方杯。使用其中任意一种产品可进一步降低出钢周期, 从而提高生产率。

Economical and easy to use, the thermal analysis cups are designed to achieve fast and reliable values of %C in liquid steel. Alternatively, our company offers two types of carbon cups: Round cup and Square cup. Using either sensor further decreases the tap-to-tap time, thereby providing increased productivity.

取样器 Samplers



取样器的设计快速,安全,经济, 能为不同的熔融金属取样。有多种可用版本, 所以最具体和最简单的取样程序和金属分析都可实现。他们为用户提供液池中的代表性样本,经过快速的表面清洗,即可进行化学分析。这些特殊样模设计使实验室准备时间最小化。

The samplers are designed for fast, safe, and economical molten metal sampling. Various versions are available, so that the most specific and easiest sampling procedure and metal analysis can be achieved for every application. They provide the user with a representative sample of the liquid bath which, after a rapid surface cleaning, is ready for the chemical analysis. The lab preparation time is minimized by the special design of these samplers.

定氢探头 Hydrogen measurement



定氢探头可进行钢液中溶解氢的在线测量(ppm), 测量时间通常低于 60 秒。探测器由多个部件组成, 这些部件的设计目的在于准确分离携带气体(通常情况下,氮)和氢之间的样气。这种技术和探头设计使得在困难条件下和特种钢等级条件下采取安全、准确的措施变得可能。

The hydrogen probes allow on-line Hydrogen measurements (ppm) of dissolved Hydrogen in molten steel, within an analysis period usually below 60 seconds. The probes are composed of various parts designed in order to grant an accurate separation of sampled gas in between the carrying gas (usually, Nitrogen) and the Hydrogen. This technology and probe design grants the possibility to perform safe and accurate measures also in difficult conditions and special steel grades.

1.2 钢系列>>仪器 STEEL LINE >> INSTRUMENTS

我公司的仪器装有微处理器单元, 用于确定溶液的温度。三个序列灯都位于前板上, 为操作者显示测量阶段。为更具可靠性, 该仪器配备自动测试系统。

The instruments are rugged microprocessor-based units used to determine the temperature of the liquid bath. Three sequential lights are located on the front panel to display the measurement phases for the operator. The instrument is equipped with an auto-test system for greater reliability.

数码计可以配置一个内部数字打印机, 可以自动打印 测量值以及日期、小时和分钟。此外,测量定位的铸造号码和识别代码也可以打印出来。

The digital gauge may be equipped with an internal digital printer that automatically prints the measured value as well as the date, hour, and minute of the event. Furthermore, the casting number and the identification code of the measurement location can also be printed.

内部印刷电路包括一个内时钟的可充电电池。

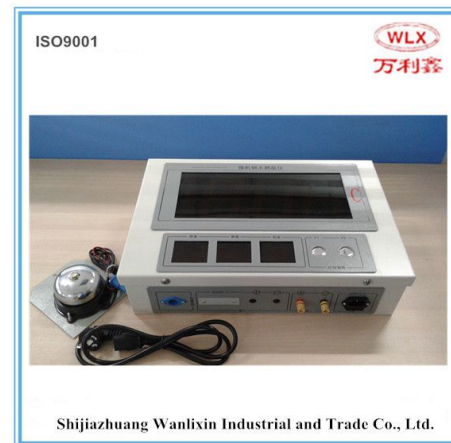
The internal printed circuit includes a rechargeable battery for the internal clock.

测温仪器 Temperature measurement device

壁挂式测温仪 Wall-mounted temperature measurement device

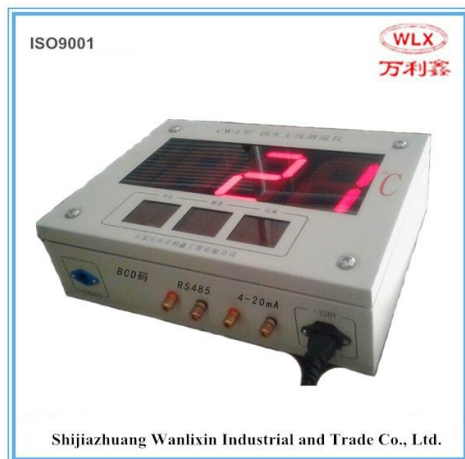


KZ-300BG



WK-200A

无线测温仪器 Wireless temperature measurement device



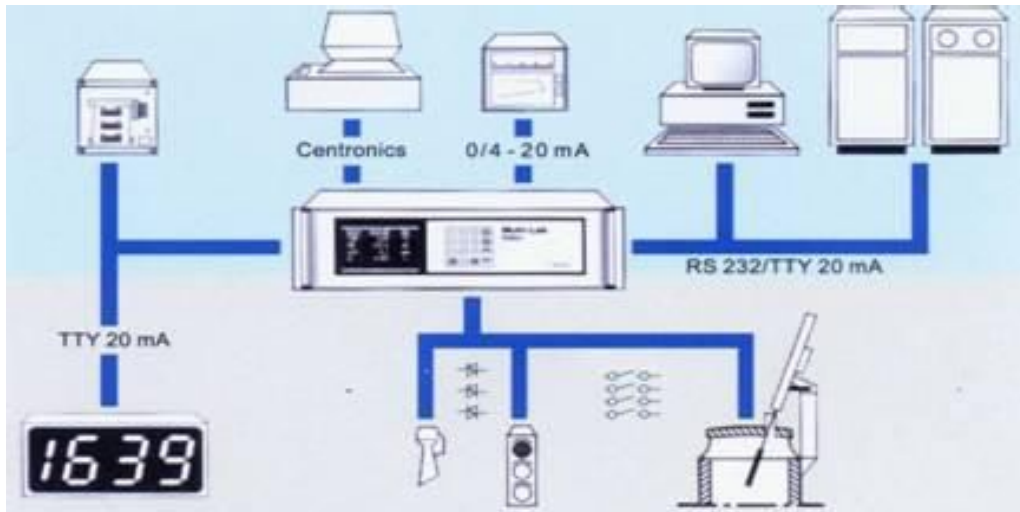
CW-1

便携式测温仪 Portable temperature measurement device



LC-600

定氧系统 Oxygen measurement system



我公司研制的定氧系统可以快速准确直接的测量钢水中的氧含量，操作方便简单。定氧系统包括：定氧仪、定氧枪、定氧探头、大显示屏、定氧补偿导线。

Oxygen measurement system developed by our company can quickly, accurately and directly measure oxygen content in molten steel, simple and convenient, which includes oxygen measurement instrument, oxygen lance, probe, large display and extension wire.



我公司生产的定氧仪可测量和分析钢铁生产过程所需的液态金属温度、氧活度 (ppm)和碳含量 (%)。

Our oxygen measurement device can measure and analyze temperature, oxygen activity(ppm) and carbon content(%) of molten metal in steel and iron production.



我公司生产的定氧枪由枪杆、枪头 (插接件)、手柄、枪杆、连接补偿导线组成，结构简单、操作方便，可配套使用 S 分度、B 分度、R 分度的定铝定氧探头。

The oxygen lance produced by our company consists of rod, contact block (receptacle), handle and extension wire with simple structure and convenient operations, which can used matching with Graduation S, B and R aluminum and oxygen probes.



定氧补偿导线适用于定氧枪的冷端补偿，其用于定氧仪器冷端和定氧枪之间的连接。耐热型采用进口氟塑料绝缘及护套具有优良的耐热、防水、防腐、防酸碱、耐化学试剂、耐磨、耐老化和不燃烧性能。使用温度在-60 ~ 205℃，属国

际先进水平。其与所配用的定氧探头正确连接，其作用是将定氧探头的参考端延伸到远离热源或环境温度较恒定的地方。

Extension wire is suitable for cold junction compensation of oxygen lance, which connects cold junction of the instrument and oxygen lance. Heat-resisting type is insulated by imported fluoroplastics and protective jacket, with favorable heat-resistant, waterproof, anti-corrosive, acid, alkali and chemical agents resistant, abrasion resistant, ageing resistant and nonflammable performance. The operating temperature is among -60°C and 205°C at international advanced level. Correct connection with the matching oxygen probe is to make the reference junction reach to places away from heat source and with constant environment temperature.



定氧大显示屏挂在作业现场，可使工人第一时间清晰明了的看到测量结果，对下一步操作做出判断。

The large display hangs over the working site, which can let workers clearly see measurement results at first time and therefore make judgments to the next operation.

大显示屏连接定氧仪，数据由定氧仪传输到大显示屏的4个显示窗口，可同时显示出钢水温度、氧含量、碳含量、酸溶铝含量。

The large display is connected to the oxygen measurement instrument. Data will be transmitted to 4 display windows of the large display via the instrument, in the meantime, showing temperature of molten steel, content of oxygen, carbon and acid soluble aluminum.

1.3 钢系列>>配件 STEEL LINE >> ACCESSORIES



我公司供应使用测量系统所需的各种备件和配件，可配合每一个系列产品使用。

Our company supplies, for each line of products, a broad range of spare parts and accessories needed in order to use the measurement systems:

- 测温枪头、枪、内部和外部补偿导线、石英管、铝帽、塑料支架等。

Lance tips, lance, internal extension wire, external extension wire, quartz tube, aluminum cap, plastic brackets and so on.

2. 铁系列 IRON LINE

2.1 铁系列>>传感器 IRON LINE >> SENSORS

热电偶 Thermocouples



我公司生产各种铂铂/铑 (Pt-Pt / Rh) 及钨铼 (WRe3/25) 快速热电偶，用于测量金属溶液的温度范围。按照国内 YB/T163-2008 标准，国际实用温标 (IPTS) 68 和 (ITS) 90 的标准进行生产。

Our company produces a broad range of platinum-platinum/rhodium (Pt-Pt/Rh) and WRe3/25 immersion thermocouples used to measure the temperature of molten metal for all applications. The immersion thermocouples are produced pursuant to the YB/T163-2008 and IPTS 68 and ITS 90 standards.

快速热电偶的生产符合质量标准 ISO 9001:2000。他们与市场上最普遍的连接系统和仪器系统可兼容、可互换。

The immersion thermocouples are produced in accordance with quality standard ISO 9001:2000. They are compatible and interchangeable with the most widespread connection and instrument systems on the market.

除了传统的热电偶, 我们还供应由防溅材料制成的特殊热电偶以避免热电偶浸入时液体飞溅和紊流从而保证操作安全和质量。

In addition to the traditional thermocouples, we supplies special thermocouples constructed with non-splash material in order to avoid splashes and turbulence during immersion thereby increasing operator safety and quality.

定碳杯 Capsules for thermal analysis



易于使用，该定碳杯能够快速得出可靠的结果，通过高精度热电偶 K 型（镍铬合金、镍铝金）或者 S 型（铂-铂/铑 10%）测出金属熔液中的冷却曲线和碳含量。

Easy to use, the thermal analysis cups are designed to achieve fast and reliable results from the thermal analysis of aluminum alloys. Though the high precision K-type thermocouples (Chromel/Alumel) or S type, the cooling curve and carbon content in molten metal can be measured.

S 杯测量钢的碳含量, 而 K 杯测量铸铁中的钕含量、碳含量, 和硅含量。

S type is used to measure the carbon content, while K type measure the cerium content, carbon content, and silicon content in the cast iron.

取样器 Samplers



取样器的设计快速,安全,经济，能为熔融金属取样。有多种可用类型, 所以最具体和最简单的取样和金属分析程序都可实现。他们为用户提供熔融金属的代表

性样本, 经过快速的表面清洗, 即可进行化学分析。这些特殊样模设计使实验室准备时间最小化。

The samplers have been designed for fast, safe and direct sampling; various versions are available, so that the most specific and easy sampling procedure and metal analysis can be achieved for every application. They provide the user with a representative sample of the liquid bath which is ready for chemical analysis following a quick surface cleaning. The lab preparation time is minimized by the special design of these samplers.

2.2 铁系列>>仪器 IRON LINE >> INSTRUMENTS

我公司仪器装有微处理器单元, 用于确定溶液的温度。三个序列灯都位于前板上, 为操作者显示测量阶段。为更具可靠性, 该仪器配备自动测试系统。

The instruments are rugged microprocessor-based units used to determine the temperature of the liquid bath. Three sequential lights are located on the front panel to display the measurement phases for the operator. The instrument is equipped with an auto-test system for greater reliability.

数码计可以配置一个内部数字打印机, 可以自动打印 测量值以及日期、小时和分钟。此外, 测量定位的铸造号码和识别代码也可以打印出来。

The digital gauge may be equipped with an internal digital printer that automatically prints the measured value as well as the date, hour, and minute of the event. Furthermore, the casting number and the identification code of the measurement location can also be printed.

内部印刷电路包括一个内时钟的可充电电池。

The internal printed circuit includes a rechargeable battery for the internal clock.

测温仪器 Temperature measurement device

壁挂式测温仪 Wall-mounted temperature measurement device

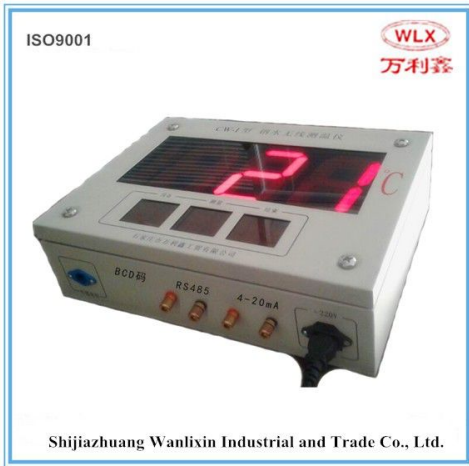


KZ-300BG



WK-200A

无线测温仪 Wireless temperature measurement device



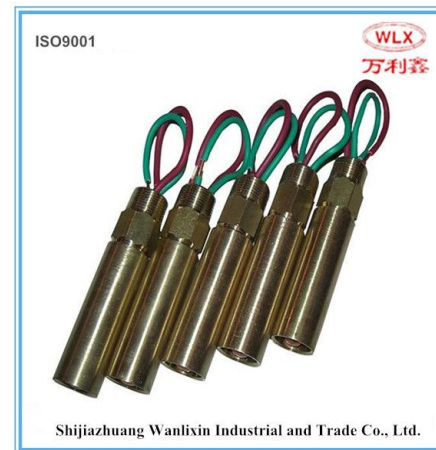
WC-1

便携式测温仪 Portable temperature measurement device



LC-600

2.3 铁系列>> 配件 IRON LINE >> ACCESSORIES



我公司供应使用测量系统所需的各种备件和配件，可配合每一个系列产品使用。

Our company supplies, for each line of products, a broad range of spare parts and accessories needed in order to use the measurement systems.

- 测温枪头、测温枪、内部和外部补偿导线、石英管、泥头

Contact block, Lance, internal extension wire, external extension wire, quartz tube, mud tips and so on.

联系方式 Contact

石家庄市万利鑫工贸有限公司

地址：河北省石家庄市开发区黄河大道与祁连街交口

手机：15833981216

传真：0311-85252205

邮箱：linda@wanlixin.com

网址：<http://www.wanlixin.com>

邮编：050000

Shijiazhuang Wanlixin Industrial and Trade Co., Ltd.

Address: Qilian St. and Huanghe Rd. Hi-tech Industrial Development
Zone ,Shijiazhuang, Hebei Prov. China

Mobile: +86 15833981216

Fax: +86-0311-85252205

E-Mail: linda@wanlixin.com

Website: <http://www.wanlixin.com>

PO BOX: 050000