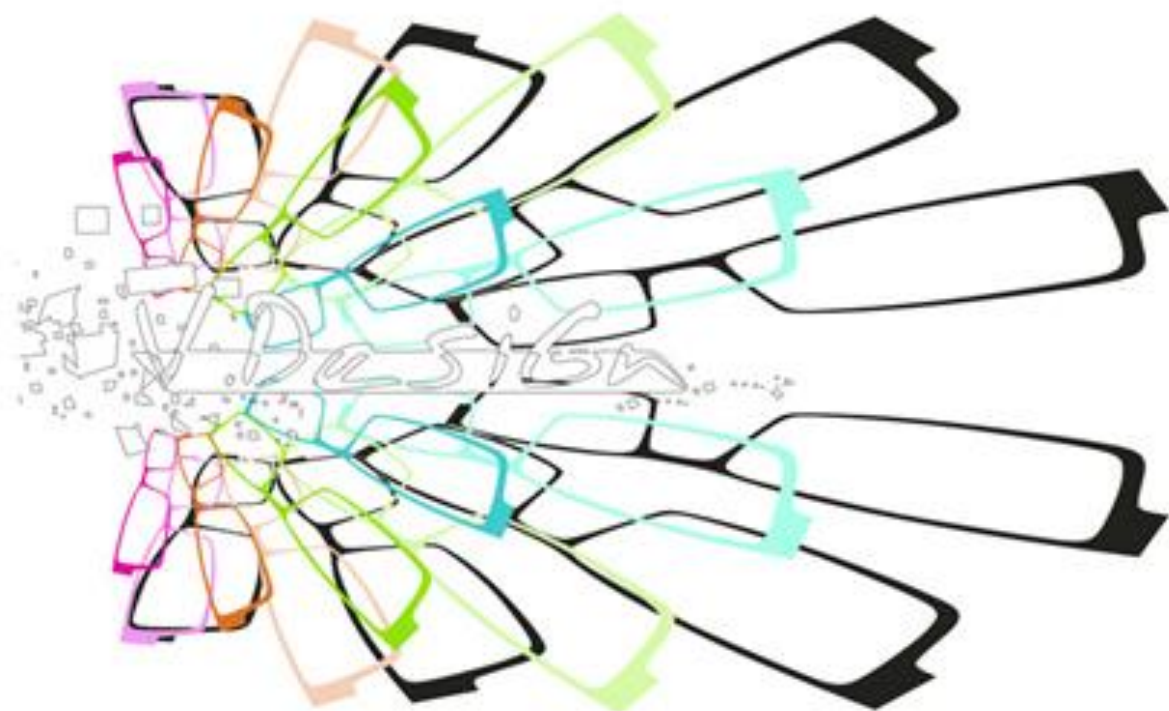


森诺眼镜检测检验服务

SENNOR Eyeglasses Testing & Inspection Services



森诺检测认证技术服务（深圳）有限公司

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SENNOR Laboratory provided professional, fast and efficient testing services for you

森诺实验室为您提供专业、快捷、高效的检测服务

森诺眼镜产品检测实验室目前拥有国内最先进的眼镜测试仪器，是目前国内拥有最齐全的眼镜测试仪器实验室。凭借在眼镜测试领域多年的丰富经验，森诺深刻理解并满足客户的需要，拥有针对眼镜测试所要求的专业测试设备和技术团队，精心致力于为客户提供科学、专业、个性的解决方案，以满足中国、美国、英国、澳洲、德国、加拿大、欧盟、日本等不同国家和地区的测试标准要求。

SENNOR eyeglasses product laboratory is the most advanced and well-equipped eyeglasses product testing facility in china. With years' experience and expertise, SENNOR meets the client's requirement well. SENNOR have the special test equipment and technical eyeglasses product team, SENNOR provides scientific , professional, personality solution to satisfy all different test standard requirement from china, USA, United Kingdom, Australia, German, Canada, EU, Japan, etc.

目前，森诺以中国深圳为中心，在广东、东莞、香港等地设有分支机构，建有大型实验室，占地面积将近 10000m²，拥有一支高素质的技术和团队，涉及玩具、婴童、电子电气、纺织品、鞋类、眼镜、箱包、餐厨具、饰品及家具等领域的优秀人才 100 多人，为森诺构筑全球性的服务网络奠定了坚实基础。

With headquarters at Shenzhen, SENNOR has set up branches at Guangdong, Dongguan, and Hong Kong. The total size of SENNOR laboratories has reached to 10000m². Now, SENNOR can better serve global customers by its 100 qualified technicians and CS team which are covered in toys, Juvenile, electrical and electronic, textiles, footwear, eyewear, luggage and handbags, dinnerware and kitchenware, decorations and furniture areas.

森诺实验室符合 ISO/IEC 17025 的要求，经过数年来的发展，森诺已经成为中国最大的综合性实验室。

SENNOR laboratory complies with ISO/IEC 17025 requirements and turns to be one of the leading comprehensive laboratories in China.



森诺的授权

森诺实验室获得了中国合格评定国家认可委员会(CNAS)认可。CNAS 同多达十四个国家经济或标准组织合作，并与国际认可论坛(IAF)，太平洋认可合作组织(PAC)，国际实验室认可合作组织(ILAC)和亚太实验室认可合作组织(APLAC)签署互认协议。在全球范围内获得广泛认可。

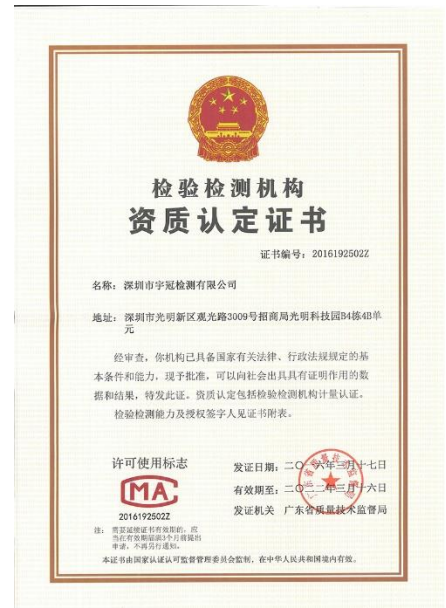
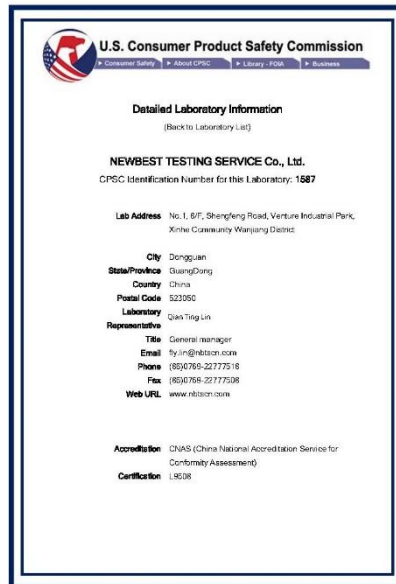
森诺实验室获得了广东省质量技术监督局(CMA)的认可。

获得美国消费品安全委员会(CPSC)列名实验室。

SENNOR lab has been recognized by China National Accreditation Service for Conformity Assessment. CNAS has cooperation with at less 14 international economic organizations, or standard organizations and signed the mutual recognition agreements with International Accreditation Forum (IAF), Pacific Accreditation Cooperation (PAC), International Laboratory Accreditation Cooperation (ILAC) and Asia Pacific Laboratory Accreditation Cooperation (APLAC), so it can be recognized in a global context.

SENNOR lab has been recognized by China Metrology Accreditation.

SENNOR is also the member of laboratories of American Consumer Product Safety Committee (CPSC) List.



Mission & Vision

使命 與 願景

我们的使命

Our Mission:

为我们的客户提供科学、准确和优质的服务促进提升眼镜行业的质量和产品质量安全意识

To provide our customers scientific, accurate and excellent services.

To promote and enhance product quality and safety awareness in eyewear industries.

我们的愿景

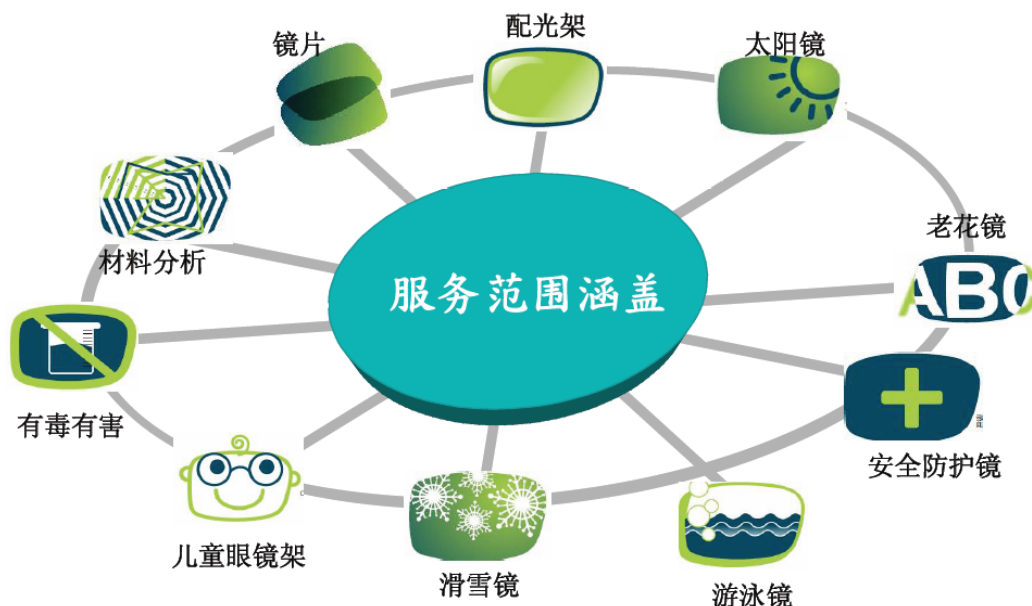
Our Vision

成为最具专业和公信力的眼镜检测、检验和审核的提供者，服务于全球客户和眼镜光学产业。

To be the most preferable professional and credible eyewear testing, as well as inspection and audit services provider to serve worldwide customers in eyewear industries and communities.

业务范围

Business Scope



随着社会物质文化水平的提高，眼镜产品无论是作为保护眼睛装备，或者作为装饰品越来越受到人们青睐，消费者对眼镜产品的质量和安全性能也愈加重视。世界各国也都设立了各种标准来严格管控市场上的眼镜产品。作为专业的眼镜产品检测检验实验室，森诺为您提供全面的眼镜产品检测检验服务、企业社会责任及质量管理体系审核服务及产品合规咨询等“一站式”解决方案。同时，森诺可以帮助您解决从原材料至成品生产制造的质量管控中出现的技术问题，确保您的产品符合要求并保护您的品牌名誉，提升市场占有率。

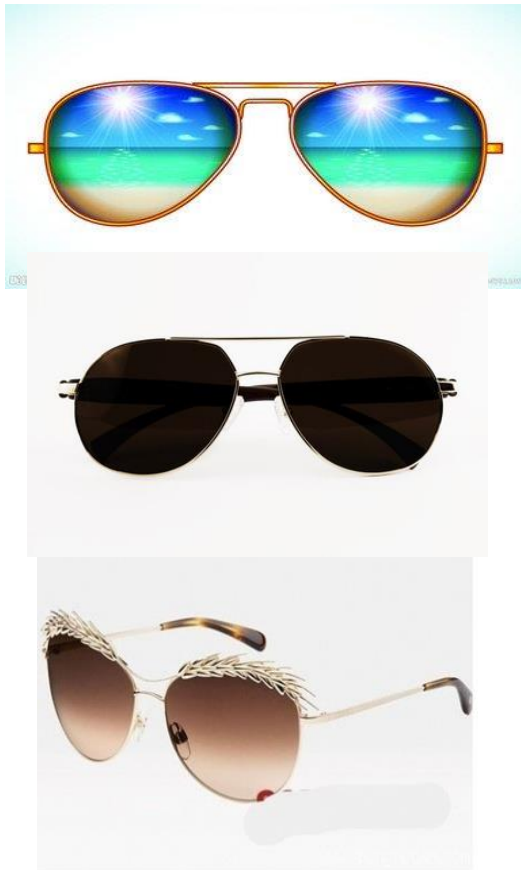
With the improvement of material and cultural level of society, whether it is as a eye protective equipment, or as a fashion accessory, more and more people of all ages have paid even more attention on the eyewear quality and safety performance . Countries also have established strict standards to control eyewear products on the market. As a professional optical product testing laboratory and inspection third party, Precision Eyewear Laboratory (SENNOR) provides a full spectrum of eyewear supply chain service from comprehensive product inspection and eyewear testing services to corporate social responsibility and quality management system audit compliance. In the supply chain aspect, SENNOR is able to solve emerging from the raw materials to the finished product manufacturing and quality control of the technical issues to ensure ones' products complying relevant standards and to protect ones' brand reputation, as well as to increase the market share.

服务范围包括	Scope of Services	森诺提供卓越的客户服务，包括根据各国标准提供眼镜产品检测检验、企业社会责任及质量管理体系审核、产品认证、产品合格咨询以及根据您的需要或要求量身定制检测、检验及审核方法和最佳操作规范。 SENNOR provide excellence customer services including eyewear testing and inspection services according to complied with various international standards, quality management system and corporate social responsibility, product compliance consultation, customized testing and inspection services, product certification and the best operation standards to fit your needs and requirements.
检测	Testing	
太阳眼镜	Sunglasses	
配光眼镜	Spectacle frames	
老视镜	Reading Spectacles	
安全防护镜	Safety Goggles	
眼镜镜片	Ophthalmic Lenses	
儿童眼镜	Children's Spectacles	
游泳镜	Swimming Goggles	
滑雪镜	Ski Goggles	
有毒有害物质	Hazardous Substance	
材料分析及特性	Material Analysis and Properties	
检验及审核	Inspection & Audit	
检验服务	Inspection service	
审核服务	CSR & QMS audit service	
认证	Certificate	
CE 认证	CE certificate	
FDA 认证	FDA Registration	



太阳眼镜产品检测服务

SUN GLASSES TESTING SERVICE



太阳眼镜是一种为防止太阳光强烈刺激造成对人眼伤害的视力保健用品，无论在日常的生活中，还是外出旅游、登山、海滩等户外活动，它都是必不可少的。而消费者在追求时尚同时，更日渐重视产品的质量 and 安全性。为了保护消费者受紫外线照射及减少其带来的不良影响，全球许多国家针对太阳眼镜均制定了相应的安全与性能检测标准。

Sunglasses are designed as visual care products, which guard consumers' eyes against strong sunlight, It is essential to have a pair of sunglasses for daily life, travel, hiking, beaches or other outdoor activities. Nowadays, consumers in the pursuit of fashion pay highly attention on quality and safety of sunglasses. In order to protect consumers from ultraviolet rays in sunlight and reduce its adverse effect, many countries worldwide draw up relevant testing standards for the safety and performance of sunglasses.



测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
太阳镜 Sunglasses	全球 Global	ISO 12312-1	1. 眼镜框架：镍析出、结构及阻燃性等。 Frames: Nickel Release, Structure, Ignition, etc. 2. 眼镜镜片：透射比、模拟日光照射、散射光、光学度数、阻燃性和最低坚固度等。 Transmittance, Resistance to Radiation, Scattered Light, Optical Power, Ignition, Robustness, etc. 3. 其他：反射比、UV400、蓝光辐射、加强坚固度等。 Others: Reflectance, UV400, Blue-light Radiation, Enhanced Robustness, etc.
	欧洲 Europe	EN ISO 12312-1	
	美国 USA	ANSI Z80.3 FDA 21 CFR 801.410	
	亚太 Australia/ New Zealand	AS/NZS 1067	
	中国 China	QB 2457 & GB 10810.3	
	日本 Japan	JIS B 9905	
	韩国 Korea	KS P 4404	



配光眼镜架产品检测服务

SPECTACLE FRAMES TESTING SERVICE



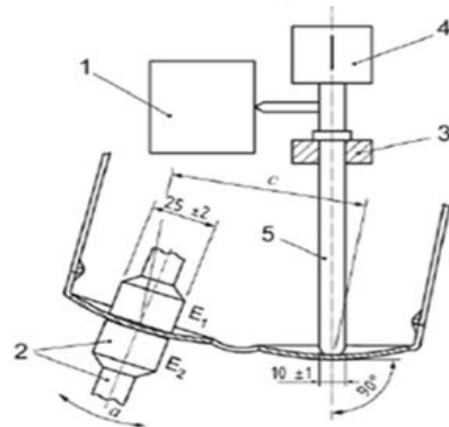
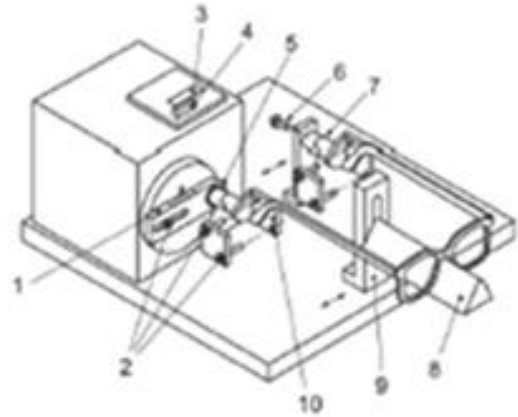
眼镜架是日常应用最为广泛的一种眼镜产品，镜架的好坏也与视力息息相关。如镜架变形会导致镜片与眼镜之间的不吻合，影响镜片矫正视力的效果，甚至起到反作用。随着消费者对产品安全意识和功能方面的加强，许多国家对配光镜架的材料、尺寸、表面涂层及其功能等多方面都制定了不同的标准和法规等的要求。

Spectacle Frames are most common among optical products. The quality of spectacle frames affects one's eyesight. For instance, deformation of a spectacle frame would cause incompatibility between lenses and frame, which affects the function of eyesight correction, or even leads to counterproductive results. As consumers strengthen the awareness of product safety and functionality, many countries have developed different standards and regulations on the materials sizes, surface coatings and functions of spectacle frames.



测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
配光眼镜架 Spectacle Frames	全球 Global	ISO 12870	<p>物理机械类：眼镜框架尺寸、机械强度、高温尺寸稳定性、阻燃性等。 Physical and Mechanical Category: Dimensional Tolerance, Mechanical strength, Dimensional Stability at Elevated Temperature, Resistance to Ignition, etc.</p> <p>表面处理类：抗汗腐蚀、镀层结合力、盐雾试验、镍析出等。 Surface Category: Resistance to Perspiration, Coating Adhesion, Salt Spray Test, Nickel Release, etc.</p> <p>选择性要求：模拟日光检测。 Optional Requirements: Resistance to Radiation.</p>
	欧洲 Europe	EN ISO 12870	
	美国 USA	ANSI Z80.5	
	亚太 Australia / New Zealand	AS 2228.2	
	中国 China	GB/T 14214	
	日本 Japan	JIS B 7285	
	韩国 Korea	KS G ISO 12870	



老视镜产品检测服务

READING GLASSES TESTING SERVICE



随着社会的发展，人口日趋出现老龄化现象，需要配戴老视镜的人数越来越多。在欧洲老花眼镜和配装成镜作为医疗器械加以管控，必须符合医疗器械指令 93/42/EEC（简称 MODD 指令）中第 I 类产品的要求，加施“CE”标志才能顺利进入欧盟市场销售；在美国，老花眼镜和配装成镜必须符合 FDA（美国联邦食品和药物管理局）的 21 CFR 801.410 规定才允许进口。

With the development of society, the phenomenon of aging population occurs, and thus there are increasing needs for reading glasses. In Europe, all reading glasses and finished mounted spectacles are regulated as Medical Device They should comply with the requirements of Category I products in Medical Device Directive 93 / 42 / EEC (“MODD Directive”) and have “CE” marking on products. In USA, all reading glasses and finished mounted spectacles must comply with US Federal Food and Drug Administration (“FDA”) requirements (21 CFR 801.410)



测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
老花镜 Single Vision Ready- To-Wear Spectacles	全球 Global	ISO 16034	1. 眼镜框架：尺寸允差、抗汗腐蚀、镍析出、结构及阻燃性等。 Frames: Dimensional Tolerance, Resistance to Perspiration, Nickel Release, Structure and Resistance to Ignition, etc. 2. 眼镜镜片：透射比、光学度数、机械强度、模拟日光照射等。 Lenses: Transmittance, Optical Power, Mechanical Strength, Resistance to Radiation, etc.
	欧洲 Europe	EN 14139	
	美国 USA	ANSI Z80.31 FDA 21 CFR 801.410	
	亚太太平洋 Australia/ New Zealand	AS/NZS ISO 16034	
配装成镜 Finished Mounted Spectacle Lenses	全球 Global	ISO 21987	1. 眼镜框架：机械强度、易燃性、内在疵病和表面质量等。 Frames: Mechanical Strength, Inflammability, Material and Surface Quality, etc. 2. 眼镜镜片：透射比、光学度数、厚度和附加度数等。 Lenses: Transmittance, Optical Power, Thickness Tolerance and Addition Power Tolerance for Multifocal Lenses, etc.
	欧洲 Europe	EN ISO 21987	
	英国 UK	BS ISO 21987	
	德国 Germany	DIN ISO 21987	
	中国 China	GB 13511.1 GB 13511.2	



安全防护镜产品检测服务

SAFETY SPECTACLES TESTING SERVICE



安全防护镜是一种特殊用途的眼镜，主要是防护眼睛免紫外线、红外线和微波等电磁波的辐射，粉尘、烟尘、金属和砂石碎屑以及化学溶液溅射的损伤。安全防护镜种类繁多，有防尘眼镜、防冲击眼镜、防化学溶液溅射眼镜和防光辐射眼镜等多种。在欧盟 PPE 指令中，安全防护镜为个人防护指令中第 I 类产品，应符合欧盟相关指令和标准的要求，否则将失去欧盟之庞大市场。

Safety goggles are a special purpose glasses, It is used for protective eye mainly from ultraviolet, infrared and microwave electromagnetic radiation, dust, soot, metals and gravel debris and chemical solution sputtering damage. There are many kinds of safety goggles, including anti-dust glasses, anti-impact glasses, anti-chemical-solution-splash glasses, anti-radiation glasses etc. In Personal Protective Equipment (PPE) Directive of EU, safety goggles for PPE Directive Class I products shall comply with the relevant EU directives and standards; otherwise customers may lose the chance to have their safety goggles to EU market.



测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
安全防护镜 Safety Goggles	美国 USA	ANSI/ISEA Z87.1	视野、光学度数、透射比、散射光、材料和表面质量、最低坚固度、高速冲击、抵抗 UV 辐射、抵抗腐蚀、侧保护、抵抗液滴和飞溅液体等。 Field of View, Optical Power, Luminous Transmittance, Scattering Light, Quality of Material and surface, Minimum Robustness, Increased Robustness, High Velocity Impact, Resistance to Ultraviolet Radiation, Corrosion Resistance, Lateral protection, Protection against droplets and splashes of liquids, etc.
	欧洲 Europe	EN 166 EN167 EN168	
	澳洲 Australia	AS 1337.1 AS 1337.6	
	加拿大 Canada	CSA Z94.3	
	中国 China	GB 14866	
	日本 Japan	JIS T8141	



眼镜镜片产品检测服务

Ophthalmic lenses testing service



眼镜镜片作为眼镜的一个重要部分，对眼镜的质量有着极其重要意义。随着社会发展进入信息时代，电子数码产品越来越多，人们用眼的越来越长，屈光不正人群越来越庞大。佩戴劣质的眼镜镜片非但不能矫正视力，很可能破坏视力，让你的眼睛“雪上加霜”。近年，镜片制造商或视光专业人士除了关注紫外光对人体的伤害外，蓝光波段(380nm-500nm)引起人的眼疲劳及黄斑病变日渐受到人们的重视。因此，中国、美国、欧盟等世界各国对眼镜镜片性能要求也做了非常严格的规定。

Ophthalmic Lenses are considered as a crucial part of the glasses and it highly affects the quality of the glasses. Along with the arrival of the information era, digital electronic products are extensively used in daily lives, which mean people spend more time on it. Thus, there is an increasing number of people who have ametropia. Wearing the glasses with poor quality of ophthalmic lenses would make people dizzy, and further worsen one's visual acuity. Nowadays, both lens manufacturers and optical professionals pay more attention to the UV damage to retina as well as the blue-light(wavelength from 380mm to 500 nm), as the blue-light may cause eye fatigue and age-related macular degeneration(AMD). Therefore, China, EU member states, USA and other countries establish strict regulations on ophthalmic lenses.

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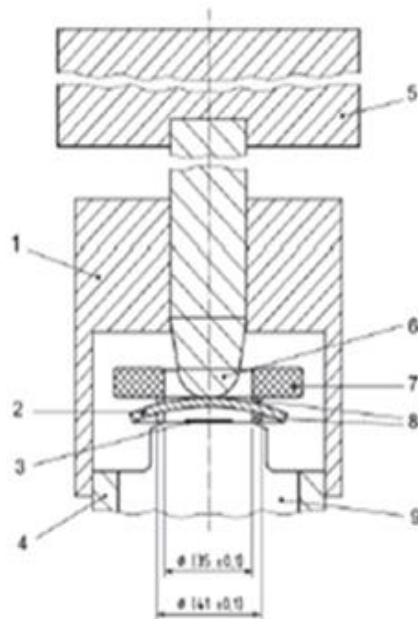
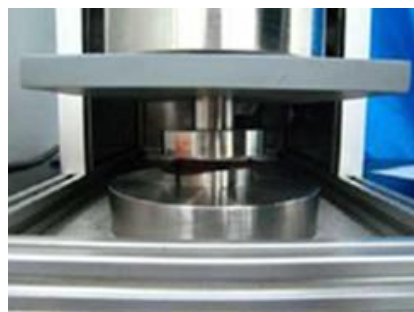
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测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
眼镜镜片 Ophthalmic Lenses	全球 Global	ISO 14889, ISO 8980-1, ISO 8980-2, ISO 8980-3, ISO 8980-4, etc.	1. 光学: 顶焦度允差、光学中心、透镜度允差、透射比、, 模拟日光照射、平均反差比、蓝光透射比等。 Optical: Tolerances on the Focal Power of Lenses, Tolerances on Optical Centration and Prismatic Power, Luminous Transmission, Resistance to Radiation, Mean Reflectance, Solar Blue-light Transmission, etc. 2. 其它: 机械性能、镜片尺寸、子镜片尺寸允差、易燃性。 Other: Mechanical Strength, Lenses Size, Tolerances on Segment Dimensions for Multifocal Lenses, Inflammability, etc.
	欧洲 Europe	EN ISO 14889, EN ISO 8980-1, EN ISO 8980-2, EN ISO 8980-3, EN ISO 8980-4, etc.	
	美国 USA	ANSI Z80.1	
	澳洲 Australia	AS 2228.1	
	中国 China	GB 10810.1, GB 10810.2, GB 10810.3, QB 2506, etc.	
	日本 Japan	JIS T 7313, JIS T 7314, JIS T 7315, JIS T 7331, etc	
	韩国 Korea	KS B ISO 14889, KS P ISO 8980-1	



儿童眼镜产品检测服务

Children's Spectacles Testing Service



儿童眼镜是针对 14 周岁以下儿童群体设计制造眼镜，是以矫正视力或保护眼镜为目的。同时，因其属于儿童产品的特殊性，其安全与否成为家长们最为关心的问题。含铅、邻苯二甲酸盐等毒材料，直接成为影响儿童身心健康和生命安全的隐形杀手。对此，全球许多国家制定了儿童产品法规，对儿童产品质量安全严加管控。

Children's Spectacles are designed and manufactured especially for the children under 14 years age and they are used for correcting eyesight and protecting eyes. Parents pay highly attention to the safety of Children's spectacles. Materials containing lead and phthalates directly harm children's health and threaten their safety. In order to control and supervise quality of children's products, worldwide have formulated rules and regulations on children's products.



测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
儿童眼镜 Children's Spectacles	全球 Global	ISO 8124-1, ISO 8124-2, ISO 8124-3, etc.	1. 物理机械: 小部件、锐边、锐点、跌落、扭力、拉力、冲击、压力、挠曲等。 Physical and mechanical: Small Parts, Sharpness of Edges, Sharpness of Points, Drop, Torque, Tension, Impact, Compression, Flexibility of Wires, etc. 2. 有毒物质: 特定元素迁移、总铅、邻苯二甲酸等。 Hazardous Substance : Migration of Certain Elements, Total Lead, Phthalates, etc.
	欧洲 Europe	EN 71-1, EN71-2, EN71-3, etc.	
	美国 USA	ASTM F963, CPSIA, FDA 16 CFR 1303	
	亚太太平洋 Australia/ New Zealand	AS/NZS ISO 8124-1, AS/NZS ISO 8124-2, AS/NZS ISO 8124-3, etc.	
	中国 China	GB 6675.1 GB 6675.2 GB 6675.3 GB 6675.4	
	日本 Japan	ST 2016	



游泳镜产品检测服务

Swimming goggles Testing Service



游泳镜是游泳爱好者的必备物品之一，其不仅可以帮助人们看清水中物，而且可以防止水入眼，有效防止眼部不受伤害。一副性能卓越的泳镜绝不只限于不漏水那么简单，镜框、眼罩是否与眼窝紧密贴合，鼻桥长度是否合适，以及头带的弹性和质量等也是必要的考虑因素。

Swimming goggles are one of the important swimming equipment. Wearing swimming goggles helps not only providing a clear vision for swimmers under water, but also preventing infection from eye diseases, and protecting eyes from injuries. Thus, swimming goggles become a necessity for many swimming. When defining a pair of high quality swimming goggles, swimming have to consider the leakage issue, the fitting and comfort to swimmers' eye cups, the suitability and appropriateness of bridge length, as well as the flexibility and quality of the head strap.

测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
游泳镜 Swimming Goggles	英国 UK	BS 5883	抗冲击性、眼杯抗压强度、水密封性、头带的防滑性、眼杯密封的附着力等。 Impact Strength, Compressive Strength of eye cup, Configuration of Water Seal, Resistance to Slipping of Head Strap, Adhesion of Eye Seal to Eye Cup, etc.
	日本 Japan	JIS S 7301	
	韩国 Korea	KS G 7003	



滑雪镜产品检测服务

SKI Goggles Testing Service



滑雪镜是专门为滑雪爱好者设计制造的一种防护眼镜。由于雪地对阳光的反射率高，人眼睛视网膜在受到强光刺激下就会引起不适或暂时性失明。如果不注意，会逐渐造成人的视力衰弱，长期下去，严重的甚至导致永久失明。加上滑行中冷风对眼睛的刺激很大，所以需要专业的滑雪镜来保护滑雪者的眼镜。在欧盟，滑雪镜背列为个人防护装备指令 89/686/EEC 下 1 类产品，产品必须符合相应的要求才能进入欧盟市场。

Ski Goggles are a kind of goggles for eyes protection, specially designed for skiing lovers. The sunlight reflective on snow surface is seriously high. This strong light stimulation may cause discomfort or temporary blindness to one's eye retina. It would gradually worsen one's eyesight or even cause permanent blindness in a long run. Also, strong wind while skiing may stimulate skiers' eyes, so professional ski goggles become necessities for skies. In order to enter the European Union ("EU") market, it is required for ski goggles to comply with the product requirements of Category I in the Personal Protective Equipment Directive (89/686/EEC).

测试要求 Testing Requirements:

产品类型 Type of Product	目标市场 Target Market	检测标准 Relevant Standards	主要测试 Major Testing Items
滑雪镜 SKI Goggles	欧洲 Europe	EN 174	视野、光学度数、透射比、散射光、抗 UV 辐射、抵抗水和雪、抗冲击性等。 Field of View, Optical Power, Transmittance, Scatted Light, Resistance to Ultraviolet Radiation, Protection Against Water and Snow, Protection Against High-Speed Particles, etc.
	美国 USA	ASTM F659	
	英国 UK	BS EN 174	
	日本 Japan	JIS S7027	
	韩国 Korea	KS G 5751	



有毒有害物质测试服务

HAZARDOUS SUBSTANCES TESTING SERVICE



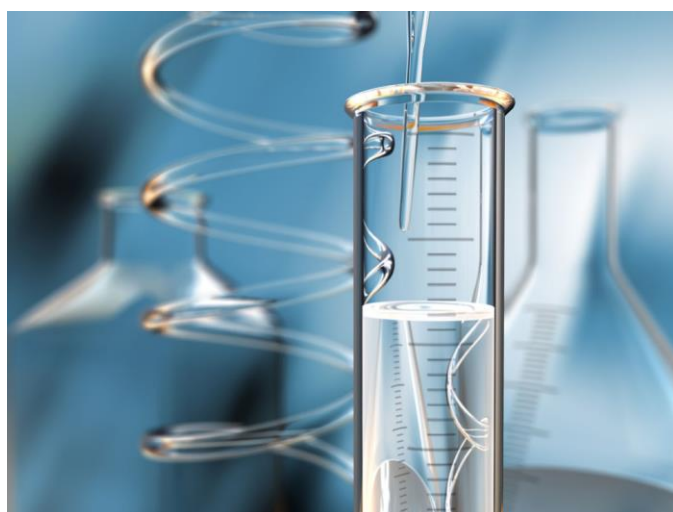
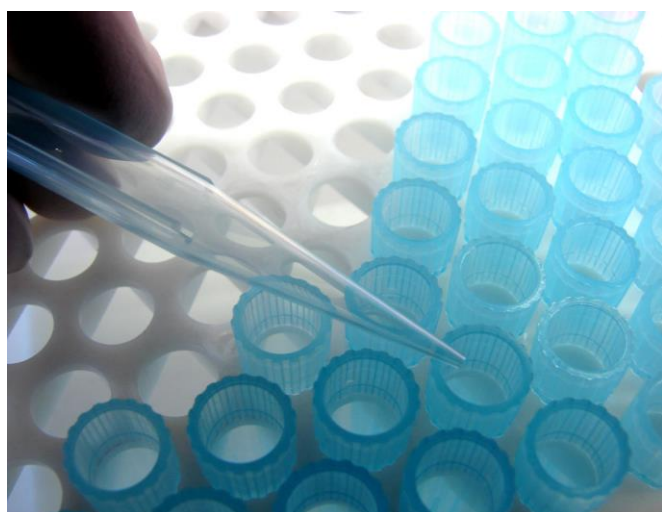
人们在追求先进和时尚的同事也更加注重安全和健康，有毒有害物质日渐受到人们的关注。世界各国和地区也纷纷提出相关的标准法规来对各种工业产品和消费品进行管控。森诺拥有精准的设备 and 经验丰富的专业团队，能提供有毒有害物质全球性解决方案及咨询服务，协助您理解如何使您的产品符合不同国家地区的标准和法规要求，让您在国际市场上赢得竞争优势，确保您的产品能顺利出口或内销。

People in the pursuit of advanced and stylish living pay more attention to safety and health, toxic and hazardous substance. Many countries and cities worldwide constantly decree relevant regulations to monitor various industrial and consumer products. SENNOR is well equipped with precise equipment, experienced and professional team to offer comprehensive testing solutions and consultancy services to help customers to have product compliances different standards and directives. SENNOR shall help customers gain competitive advantages in the international market so that their products can be profitable in both export and domestic markets.



测试要求 Testing Requirements:

序号 Number	有毒有害物质名称 Name of Toxic and Harmful Substances	法规/指令 Law/Regulations	主要管控对象/可能存在形式 Targeted Control Objects / Possible Existence
1	总镉 Total Cadmium	REACH ANNEX 17, CA Prop 65	金属/ 塑料制品、焊线、焊膏等。 Metal/Plastic Products, Wire, Solder Paste, etc.
2	总铅 Total Lead	REACH, CPSIA, CA Prop 65	油漆、涂层、金属/ 塑料制品、皮革、染料等。 Paint, Coating, Metal/Plastic Products, Leather, Dye, etc.
3	邻苯二甲酸酯 Phthalates	REACH , CPSIA, CA Prop 65	塑料制品、橡胶、聚合物等。 Plastic, Rubber, Polymer, etc.
4	多环芳烃 PAHs	REACH ANNEX 17	染料、塑料、橡胶、润滑油等。 Dye, Plastic, Rubbers, Lubricants, etc.
5	镍释放 Nickel release	REACH ANNEX 17	金属及其配件。 Metal and its Accessories
6	偶氮染料 AZO	REACH ANNEX 17	布料、皮革、油漆、塑料、橡胶、着色剂等。 Textile, Leather, Paint, Plastic, Coloring Agents, etc.
7	SVHC	REACH	所有在欧盟销售的产品。 All Products Sold in European Union
8	富马酸二甲酯 DMF	REACH Annex 17	食品、皮革制品、玩具。 Food, Leather Products and Toys
9	双酚 A Bisphenol A (BPA)	CA Prop 65	涂层, 油漆, 塑料 Coating, paint, plastic
...			更多 More



材料分析及特性检测服务

MATERIAL ANALYSIS AND PROPERTIES TESTING SERVICE



材料是人类赖以生存和发展的物质基础，人类文明的发展和社会的进步同材料的应用关系十分密切，无论金属、塑料或皮革等材料在我们生活中都具有广泛的应用。森诺能提供各种材料检测分析服务，使您更方便、快捷地确保产品质量。

Material are human being's basic sources of survival and development of a society. The application of materials plays an important role in the development and civilization of a society. Material including metal, plastic and leather are extensively used in people's daily lives. SENNOR is committed to provide testing and analysis service for various materials which ensure customers' product quality in a more convenient and quicker way.

测试范围 Testing Scopes:

产品类别 Type of Product	相关标准 Relevant Standards	主要测试 Major Testing Items
金属 Metal	ISO 9227, ASTM B117, ANSI Z80.5, ASTM D635, AS 2228.2, GB/T 10125, etc.	中性/醋酸/铜加速盐雾测试、抗腐蚀、弯曲测试、拉伸试验等。 SS Test / AASS Test / CASS Test, Resistance to Perspiration, Bending, Metal Tensile, etc.
塑料 Plastic	ASTM G154, ASTM F735, ASTM D635, ANSI Z80.5, AS 2228.2, GB/T 16422.3, etc.	荧光紫外灯曝露测试、磨损测试、易燃性测试、温度稳定性、拜尔测试等。 Fluorescent UV Light Exposure Test, Abrasion, Flammability, Thermal Stability, Bayer Test, etc.
皮革 Leather	ASTM G 154, ANSI Z80.5, ASTM D635, AS 2228.2, GB/T 16422.3, etc.	荧光紫外灯曝露测试、易燃性测试、燃烧速率、抗腐蚀等。 Fluorescent UV Light Exposure Test, Flammability, Burn Rate, Resistance to Perspiration, etc.



产品合规咨询

PRODUCT COMPLIANCE CONSULTATION

全球经济竞争不断加剧，节省成本、缩短开发周期是企业在竞争中脱颖而出的重要方式。森诺可以帮助您处理全球眼镜市场从概念到成品的合规认可方案，使您可以以最少的资源（如金钱和时间）赢得市场。

Under the increasing competition of global economy, minimized cost and shortened development cycle help companies standing out in this competitive market. SENNOR is capable of proposing product compliance consultation scheme for global eyewear markets, even for eyewear product manufacture from concepts to finished products. Thus, customers are able to capture the target markets with minimal resources (e.g. time and cost).

森诺 提供以下咨询服务

SENNOR provides the following Product Compliance Consultancy Services:

产品设计

Product design advice

产品合规试验安排

Product regulatory testing scheduling

概念拟定以选择合适的标准

Standard selection from product development stage

对全新、翻新的和改良产品的合格认可程序

Regulatory authorization process for new, redefined or modified products

对产品市场，目标市场准入规范及成本控制等持续性的合规项目。

Maintenance of compliance issues and standards of product markets, target markets and cost reduction issues.



量身定制检测方法 CUSTOMIZED TEST METHODS



十年来一直专注于眼镜产品的检测，森诺积累了丰富的经验，并开发了一系列行业认可的眼镜镜架、部件及配件检测方法。森诺也可以根据您的要求量身定制检测方法，在研发、设计、生产制造等诸多环节确保您的产品质量。

As SENNOR has been focusing on eyewear product testing service for over 10 years, a series of eyewear industrial test methods for frames, components and accessories are well developed and established. SENNOR is capable of offering customized test methods to fit customer's product needs / requirements from development, design and production, etc.



检验服务

INSPECTION SERVICE

随着社会的飞速发展，精明的消费者在购买产品时，除了关注价格以外，也会考虑商品的安全性、耐用度、准确性以及对环境的影响。制造商要追求优良的质量，便需要在产品生命周期内执行全面的质量管理及检验计划，实施持续有效的监测和控制。

Along with the developed society, consumers not only pay attention to product price but also consider product safety, durability, precision and the environmental impact of the products. In the production lifecycle, pursuing perfect quality needs total quality management and overall testing program with sustainable supervision and effective control.

森诺检验人员均获中国出入境检验检疫协会颁发的专业资格证书，并凭借多年丰富的检验经验为顾客提供迅速而准确的检验服务。

SENNOR offers a comprehensive inspection service along the supply chain. PEL has a crew of inspectors qualified by China Entry-Exit Inspection and Quarantine Association with much inspection experiences to provide reliable and prompt inspection services for customers.



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