# 華美光學科技股份有限公司

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### 主要產品

華美光學的主要產品為各種戶外運動型太陽眼鏡、高緯度國家滑雪活動用雪鏡及工業安全用護目眼鏡。從 眼鏡造型設計、3D列印快速原型打樣、模具設計加工、模具試模到小量試產提供整合性的開發服務;不斷開 發新的製程技術,滿足客戶多元的產品設計需求。同時在廠內建構完整的製程設備,以整合製造的能力來縮短 生產交期,有計劃地擴充產能,同時滿足客戶快速開發及準時交貨的需求。

隨著國內運動風氣的盛行,華美光學積極建立自有運動眼鏡品牌-「720 armour」,以優質研發團隊及高品質的生產製程能力為後盾,讓「720 armour」成為「極限運動中的極限品牌」。

### 企業沿革

1978年	華美眼鏡公司成立,從事金屬框太陽眼鏡生產。
1981年	在中崙工業區現址興建 - 華美一廠第 1 期廠房。
1986年	擴建華美一廠第2期廠房,設立眼鏡塑膠射出生產線。
1993年	設立鏡片鍍膜生產線,為國內第二家引進。
1997年	通過 SGS ISO - 9002 認證。
1998年	產品轉型專注於-運動太陽眼鏡市場。
1999年	通過 SGS ISO - 9001 認證。
2001年	開始生產 - 滑雪護目鏡產品。
2002年	開始生產 - 漆彈面具產品。
2003年	開始生產 - 工業安全眼鏡產品。
2004年	營業額突破新台幣 4 億,員工人數突破 200 人。
2006年	取得 TAF ISO/IEC - 17205:2005 的獨立實驗室認證。
2006年	在中崙工業區,動土興建華美眼鏡二廠。
2007年	公司更名為 - 華美光學科技股份有限公司。
2010年	年營業額突破新台幣 8 億,員工人數突破 400 人。
2012年	更新 SGS ISO - 9001:2008 的認證。
2013年	通過 DNV ISO- 14000:2004 及 WRAP 企業社會責任認證。
2013年	取得樹谷園區工廠用地,規劃興建視光學博覽館及新廠。
2014年	正式動土興建樹谷園區。

**HWA MEEI** Optical Co., Ltd.

★ Owner: Thomas Chen

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### **Business Items**

The main product of HWA MEEI optical Co., Ltd. are outdoor sports sunglasses, skiing goggles and industrial safety goggles.

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We provide integrated development services from eyewear design, 3D print rapid prototyping, mold design and fabricate, mold tryout to pilot production; and to construct the complete process equipment, with the ability to integrate manufacturing to shorten production delivery. And also locate adequate capacity to meeting customers quickly develop and on-time delivery requirements.

HWA MEEI own one sports eyewear brand - "720 armour", backed with skillful R & D team and high-quality production capability, so "720 armour" become an "excellent brand of extremely sports eyewear ".

## History

1978	HWA MEEI Glasses Company established, start to produce metal-frame sunglasses.
1981	Built HWA MEEI first factory in Chunglun industrial Park.
1986	Expand 2nd plant at fist factory area, install glasses plastic injection production line.
1993	Leading the industry to set up lens coating production line.
1997	ISO – 9002 certified by SGS.
1998	Product transition to focus on sports sunglasses market.
1999	ISO – 9001 certified by SGS.
2001	Start to produce ski goggles.
2002	Start to produce paintball mask.
2003	Start to produce industrial safety goggles.
2004	Revenue exceeded NT\$400 million and employs up to 200 people.
2006	ISO/IEC - 17205:2005 certified by TAF which is independent laboratory accreditation $^{\circ}$
2006	Built HWA MEEI second factory in Chunglun industrial Park.
2007	The company name changed into HWA MEEI Optical Co., Ltd.
2010	Revenue exceeded NT\$800 million and employs up to 400 people.
2012	Updated ISO - 9001:2008 certification by SGS.
2013	ISO- 14000:2004 and WRAP certified by DNV which is for CSR.
2013	Obtain Tree Valley industry Park site and plan to construct an Optometry Expo and plants.
2014	Start to build the first plant in Tree Valley industry Park.

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# 華美光學科技股份有限公司

### 企業簡介

華美光學成立於 1978 年,前身為華美眼鏡,家族原經營眼鏡金屬焊接代工,1980 年在台南安定中崙工業區 設廠改做塑膠框,成為專門生產太陽眼鏡的廠商。1990年起眼鏡產業也經歷產業外移的階段,華美光學在陳 線品牌,員工人數達到500人。

### 國際競爭力

一、1998年起華美光學決定根留台灣並開始推動產業轉型,公司的外銷金額以每年約16%的複合成長率成長。 2013 年的營業額達到 3 仟 1 佰萬美金的水準,佔海關出口統計金額太陽眼鏡品項的 34%。顯示華美光學 在太陽眼鏡領域的市場競爭力已受到國外客戶的肯定。



- 一、在進入產業轉型的階段,為擺脫來自中國大陸廠商的低價競爭以及降低貿易代理商的制肘,定下成為" 成為世界知名品牌運動安全眼鏡 ODM 製造商"的願景。積極參加國際眼鏡展覽會,直接與世界知名品牌 客戶接軌,得到了不斷推動企業轉型的動力,經過幾年的努力真正達到運動安全眼鏡的品牌客戶在台灣 Turnkey 的 ODM 服務
- 二、整理海關進出口貿易統計資料可以知道,華美光學出口產品的平均單價為同品項太陽眼鏡平均單價的2倍。

HWA MEEI Optical Co., Ltd.



### Introduction:

HWA MEEI Glasses Company was founded in 1978 which the family was original engaged in metal welding glasses business, in 1980 settled in Chunglun industrial park at Tainan City that changed into produce plastic injection glasses frame and temples. And became a specialized manufacturer of sunglasses. During 1990~2000 the eyewear industry had migrated out from Taiwan, HWA MEEI decided to stay in Taiwan by the leading of the General Manager Thomas Chen, and gradually earn the customer back. Now HWA MEEI Optical Co., Ltd. is a leading company in eyewear industry which almost 98% products exported oversea with over 500 employe and earns the trust of the eyewear brand customers

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### **Export Competitiveness**

I. From 1998 HWA MEEI decide to stay in Tainan and start to upgrade the products and process technology, the export revenue was increasing every year by a trend of 16% CAGR. In 2013 the revenue up to USD 31 million which is 34% of the amount of the customs export statistics sunglasses' items. It shows the export competitiveness in sunglasses eyewear industry is trust by overseas customers

# **Operation Management**

- I. In the upgrade phase of eyewear industry, in order to get rid of low-cost competition from China manufacturers and reducing the constraints of trade agents, HWA MEEI made a vision that is "To become a top of sports safety glasses ODM manufacturer of the world-renowned brand". By actively participate in international eyewear exhibitions, direct integration with the world famous brands, continues to drive business transformation, after years of efforts HWA MEEI finally to achieve this vision which become a Turnkey ODM services company of sports safety glasses brand customers in Taiwan.
- II. The average export price of HWA MEEI products is double the value of the same items to customs statistics, which means that we create more added value in the product.

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# 華美光學科技股份有限公司

## 社會責任

- 、公司計畫於樹谷園區內建立一座眼鏡視光學博覽館,用以記錄與回顧在散佈在安南、安定、永康、仁德、 歸仁及安平工業區內,約 160 家台南眼鏡相關中小企業及台灣眼鏡產業的歷史,同時也讓眼鏡產業持續在 台灣深根茁壯。
- 二、公司經營極限運動太陽眼鏡品牌為"720 armour" 持續贊助多位台灣優秀的體育選手。
- 三、每年積極參與地方社區營造及文化活動,贊助安定區花海節活動及魏德聖導演電影。



# 綜合評語

- 一、在產品開發階段,從眼鏡造型設計、3D列印快速原型打樣、模具設計加工、模具試模到小量試產提供整合性的開發服務。
- 二、主要外銷客戶營業額相當平穩,且外銷比重逐年增加。
- 三、E 化程度高,更新原本的 ERP 系統、導入新的 SFT 製造資訊系統、PDM 產品開發品質系統、HR 人力資源管理系統及 BI 商業智慧系統,產品產銷方式由 OEM 到 ODM 以提高產品價值,並已進行 OBM 經營,具有高度競爭力。
- 四、於樹谷園區內建立一座眼鏡視光學博覽館,讓眼鏡產業持續在台灣深根茁壯。以創新、務實、責任、 共享為經營理念,產品及品質已獲得肯定與口碑。

**HWA MEEI** Optical Co., Ltd.





## Social Responsibility

- I. HWA MEEI plans to build a Optometry Expo in the Tree Valley Industry Park, to record and review about 160 small and medium enterprises locate in Tainan and eyewear industry history of Taiwan. In order to make the glasses industry continues to flourish in Taiwan.
- II. HWA MEEI own the extreme sports sunglasses brand"720 armour" and continued sponsoring a number of Taiwan's outstanding athletes.
- III. HWA MEEI actively involved in local community development (ex. Tainan Anding District flowers festival) and cultural activity (ex. Sponsor Taiwan movie director Wei Te-Sheng).



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