



www.assoma.com



General Catalog

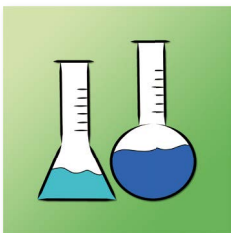
綜合型錄

About ASSOMA 關於協磁

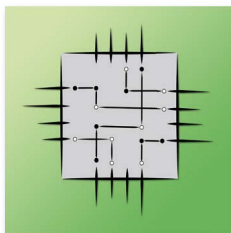
ASSOMA INC. is a designer, developer, and manufacturer of non-metallic, seal-less pumps for handling corrosive, hazardous, toxic, and other highly aggressive chemicals. We aim to create value for our customers and distribution network through our products and services. We benefit the global community by using non-polluting materials and production processes while minimizing our carbon footprint.

協磁股份有限公司是一家專精於工程塑膠無軸封泵浦的公司，執行業務涵蓋了開發、設計、製造與服務，產品適用於高腐蝕性、毒性及其他高危險性化學液體的輸送。我們透過產品、專業與服務網帶給顧客非凡的價值。透過選用無危害物質的材料與零污染的製程，確保週邊環境不受影響，並將碳足跡降為最低為原則，為全球環境貢獻我們的一份力量。

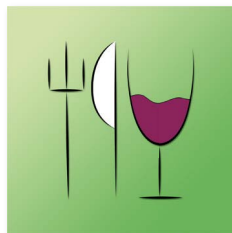
Industries We Serve 我們服務的產業



Chemical/Petrochemical
石化 / 化學



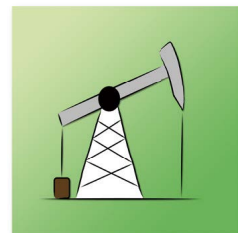
Electronics
電子



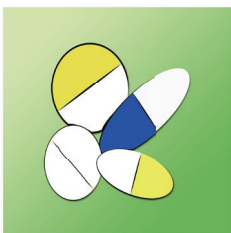
Food & Beverage
食品



Mining
礦業



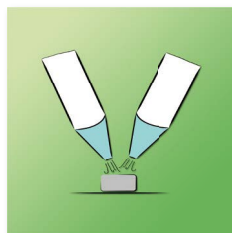
Oil & Gas
石油 / 天然氣



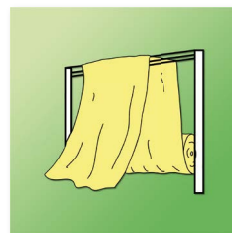
Pharmaceuticals
製藥



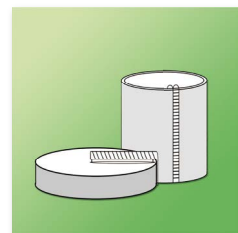
Power
能源



Surface Treatment
表面處理



Textile
紡織



Water Treatment
水處理

Customer Service 顧客服務

Customer service for ASSOMA products is handled by local distribution and service agents. Localized service includes pump commissioning, customer training, repairs and maintenance, and pump selection using our ASSOMA-SCAC software. Service is also extended to pumps not acquired locally, such as production systems or projects by engineering companies.

購買協磁產品的顧客皆可享有在地化服務，包含試車、教育訓練、維修、保養等服務。在地的服務與銷售團隊也可使用 ASSOMA-SCAC 選型軟體迅速的為顧客服務。即使未在當地購買的產品（如設備機台或工程案）也在服務範圍內。

Our Commitments 我們的承諾

Be Green

- Our products are designed to handle chemicals that are harmful to people, animals or the environment. We take this responsibility very seriously and hold our products to the highest requirements.
- We do not use hazardous substances in the production of our products to ensure our suppliers, employees and our customers work in a safe environment.
- We are committed to green production and minimizing our product carbon footprint.

Be Innovative

- We solve customer problems through innovative products. All new product developments contain patented designs.

Be the Best

- We established an ISO 17025 certified performance test laboratory to ensure we hold the highest standards for our testing capability, and to provide a valuable service to our customers.

最環保的

- 我們產品用于對生物與環境有害的化學品，因此我們對產品在維護環境的能力非常重視，必須達到最高標準。
- 我們的產品與製程都符合危害物質管理，確保供應商，協磁員工與顧客人員能在安全無虞的環境下工作。
- 我們使用綠色製程，並確保產品碳足跡降為最低。

最創新的

- 我們堅持不斷的為顧客提出最適合的解決辦法及產品。新開發的產品皆有榮獲多項國際發明專利的設計。

做最好的

- 我們擁有經 TAF 認證，依 ISO 17025 實驗室管理系統的泵浦測試實驗室，以確保業界最高標準的測試能力，並提供這項高價值的服務給我們的顧客。

Manufacturing 產品製造

Every single pump we sell is customized and produced on demand based on the customer's application needs. We employ LEAN production together with our suppliers to ensure the highest quality production parts are being supplied efficiently, ensuring every pump our customers receive is guaranteed to be built to customer specifications.

我們販售的泵浦一律是依照顧客的操作需求所訂製。透過與我們的供應商緊密的配合與精實生產模式，我們可確保供應商以高品質及最有效率的方式提供生產零件，也確保顧客拿到的產品為客製的新品。

AVF-C® SERIES

ASSOMA VALUE FAMILY™

The AVF-C series of pumps is the first of its kind of plastic canned motor pump that can achieve the highest pump efficiency rating according to Commission Regulation (EU) No 547/2012 of 25 June 2012. These pumps are designed to handle a broad range of aggressive chemicals and can be used in highly demanding areas such as corrosive environments and clean rooms.

AVF-C 系列泵浦為全球唯一可達到歐盟最高能效標準 (Commission Regulation (EU) No 547/2012 of 25 June 2012) 的全塑料罐裝泵浦。這系列產品可用於高腐蝕性化學藥水並可在高腐蝕性環境與無塵室等特殊環境內使用。

Superior Efficiency Canned Motor Pump

超高效率罐裝泵浦



TAIWAN EXCELLENCE 2023



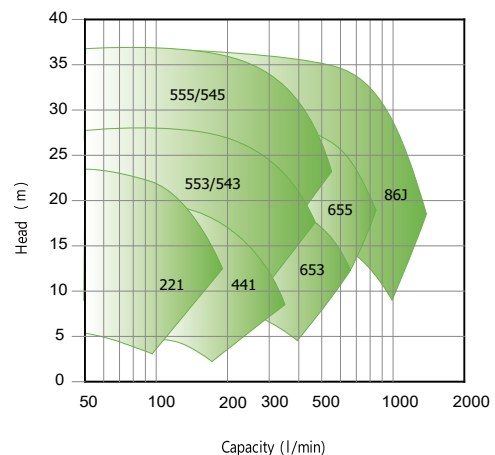
Specifications 產品規格

Rotation Speed Range (RPM)	轉速範圍 (RPM)	1,500 - 3,000
Max. Capacity (l/min)	最大流量 (l/min)	1400
Max. Head (m)	最高揚程 (m)	37
Power Range (kW)	功率範圍 (kW)	1.1 - 7.5
Temperature Range (°C)	操作溫度 (°C)	PP+CF / PP+GF: 0 - 80 ETFE+CF: 0 - 95

Benefits 產品優勢

- Lowest energy use
- Corrosion Resistant
- Leak-free
- Quiet operation
- Smallest installation footprint
- Cleanroom ready
- Minimize maintenance costs *
- Most reliable *
- 最低能耗
- 耐腐蝕
- 零洩漏
- 超靜音
- 最小安裝空間、高坪效比
- 適用於無塵室
- 最低保養需求 *
- 高可靠度 *

* Enhanced with our Pump Smart Monitor * 搭配泵浦監測器，效果最佳



AME SERIES

PFA-Lined Magnetic Drive Process Pump 金屬 PFA 內襯磁力驅動泵浦

Built tough to withstand high temperature and pressure, these line of PFA lined pumps are made for tough applications and to handle high purity aggressive chemicals.

專為高溫及高壓製程設計，其內襯高純度 PFA 泵浦，適合用於有潔淨度需求的化學製程中。

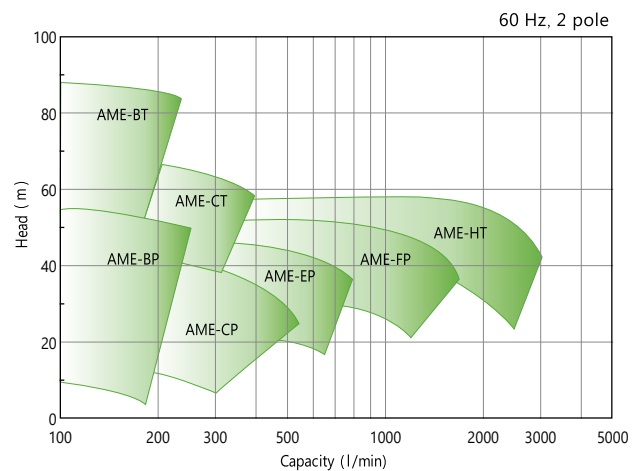
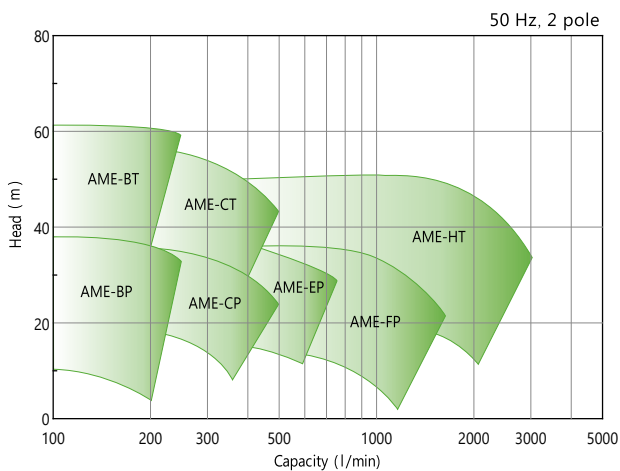


Specifications 產品規格

Frequency (Hz)	頻率 (Hz)	50	60
Max. Capacity (l/min)	最大流量 (l/min)	3,000	3,000
Max. Head (m)	最高揚程 (m)	60	88
Power Range (kW)	功率範圍 (kW)	1.5 - 30	
Temperature Range (°C)	操作溫度 (°C)	0 - 150	

Benefits 產品優勢

- Strong shaft support
- Ultimate corrosion resistance
- Reliable operation up to 150 °C
- Non-contaminating high-purity PFA
- ISO 2858, ISO 5199, ISO 15783, EN 809
- 強固的軸心支撐設計
- 卓越的耐化學腐蝕性
- 在高達 150 °C 高溫下可靠運轉
- 零污染高純度 PFA 材質
- ISO 2858、5199、15783 及 EN 809 設計標準



AMA SERIES

Magnetic Drive Seal-less Pump 磁力驅動無軸封泵浦

Designed for unloading or processing large quantities of chemicals. These metal-armored,ETFE-lined pumps are ideal for outdoors transfer applications.

專為卸載或處理大量化學品而設計。此系列泵浦是金屬內襯氟塑料泵，非常適合戶外使用。

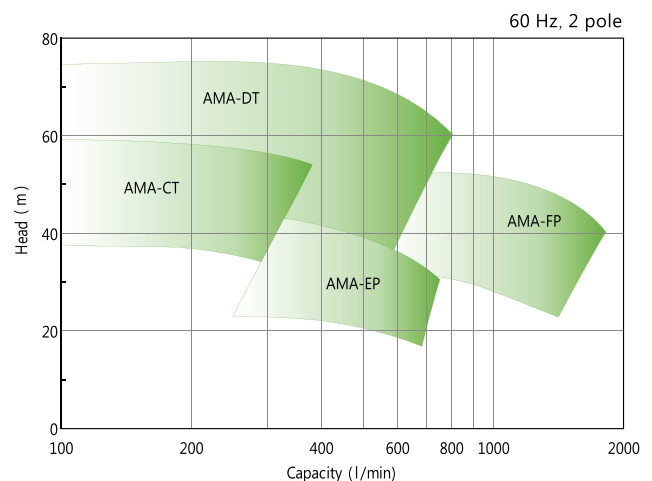
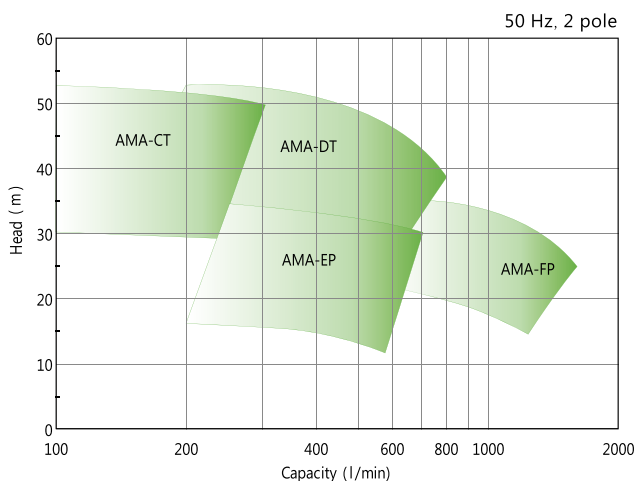


Specifications 產品規格

Frequency (Hz)	頻率 (Hz)	50	60
Max. Capacity (l/min)	最大流量 (l/min)	1,600	1,800
Max. Head (m)	最高揚程 (m)	54	76
Power Range (kW)	功率範圍 (kW)	5.5 - 18.5	
Temperature Range (°C)	操作溫度 (°C)	0 - 95	

Benefits 產品優勢

- Armored for strength
- ETFE offers high corrosion resistance
- Reliable leak-free operation
- Back pull-out for easy maintenance
- ISO 2858, ISO 5199, ISO 15783, EN 809
- 泵浦外罩金屬強化設計
- ETFE 材質提供卓越的耐化學腐蝕性
- 可靠、零洩漏運轉
- 背拉式設計方便保養
- ISO 2858、5199、15783 及 EN 809 設計標準



AVF-X SERIES

ASSOMA VALUE FAMILY™

The AVF-X Series is an all-purpose pump series designed to handle aggressive chemicals for everyday applications. These pumps feature advanced hydraulic designs that can achieve the highest pump efficiency rating according to Commission Regulation (EU) No 547/2012 of 25 June 2012, helping you reduce your energy use and carbon footprint.

AVF-X 系列是專為高腐蝕危險藥水所設計的常用型泵浦。此系列泵浦採用先進水力設計，效率可達到歐盟最高能效標準 (Commission Regulation (EU) No 547/2012 of 25 June 2012)，遠遠領先業界同類型產品，最能協助您降低能源消耗、降低碳足跡。

Superior Efficiency Magnetic Drive Pump

超高效率磁力驅動泵浦



TAIWAN EXCELLENCE 2023

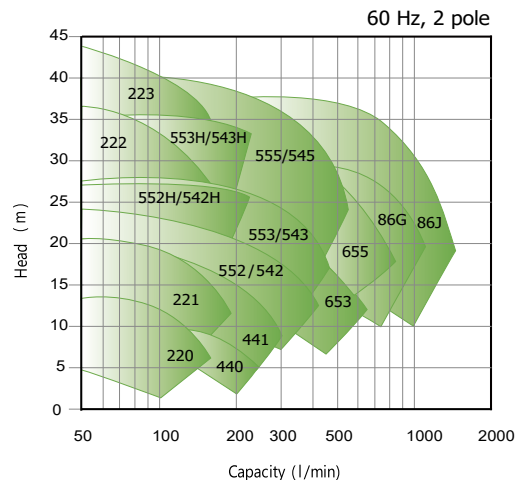
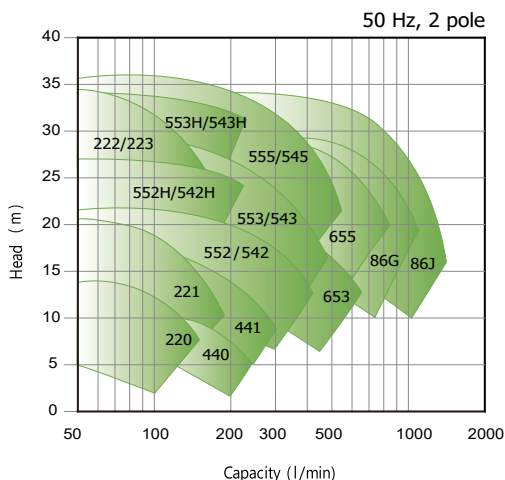


Specifications 產品規格

Frequency (Hz)	頻率 (Hz)	50	60
Max. Capacity (l/min)	最大流量 (l/min)	1400	1400
Max. Head (m)	最高揚程 (m)	36	45
Power Range (kW)	功率範圍 (kW)	0.37 - 7.5	
Temperature Range (°C)	操作溫度 (°C)	PP+CF / PP+GF: 0 - 80 ETFE+CF: 0 - 95	

Benefits 產品優勢

- Lowest energy use
- Corrosion Resistant
- Leak-free
- Full protection against corrosion
- 最低能耗
- 耐腐蝕
- 零洩漏
- 防腐蝕全塑料外殼設計



AMXI SERIES

Magnetic Drive Seal-less Pump 磁力驅動無軸封泵浦

One of the few armored small pumps on the market. These pumps are designed for outdoor use in environments where fully plastic pumps are not allowed.

市面上少數的金屬外罩小型泵浦。此系列泵浦適用於不允許使用全塑料泵浦的戶外環境。

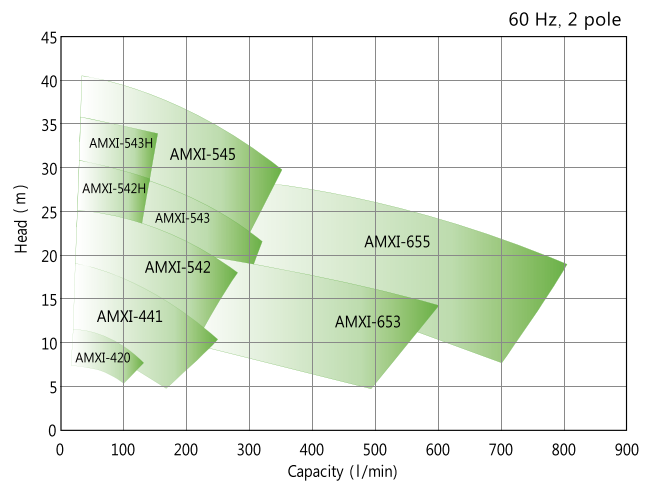
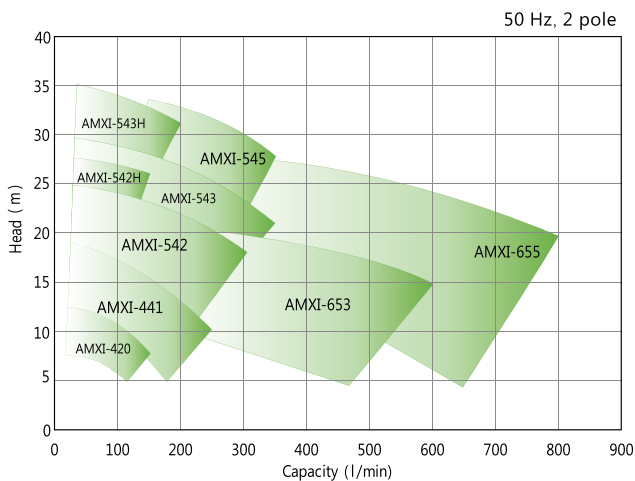


Specifications 產品規格

Frequency (Hz)	頻率 (Hz)	50	60
Max. Capacity (l/min)	最大流量 (l/min)	800	800
Max. Head (m)	最高揚程 (m)	35	40
Power Range (kW)	功率範圍 (kW)	0.37 - 4.0	
Temperature Range (°C)	操作溫度 (°C)	0 - 95	

Benefits 產品優勢

- Armored for strength
- ETFE offers high corrosion resistance
- Reliable leak-free operation
- Protect against abnormal operating conditions
- 泵浦外罩金屬強化設計
- ETFE 材質提供卓越的耐化學腐蝕性
- 可靠、零洩漏運轉
- 保護泵浦空轉、氣蝕等異常狀況



AM SERIES

Magnetic Drive Seal-less Pump 磁力驅動無軸封泵浦

Very easy to install and assemble, these small pumps have a very simple construction and are suitable for a test system or small production systems and chemical sampling applications.

構造簡單，容易拆卸及組裝。AM 系列泵浦適合用於小型製程或測試系統，及化學取樣的運用領域。

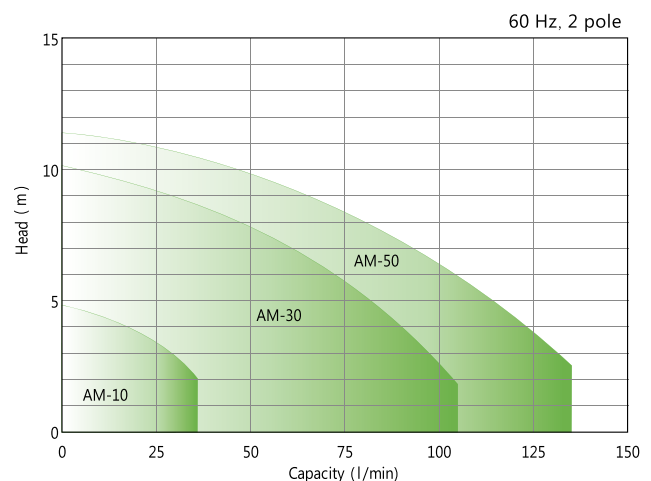
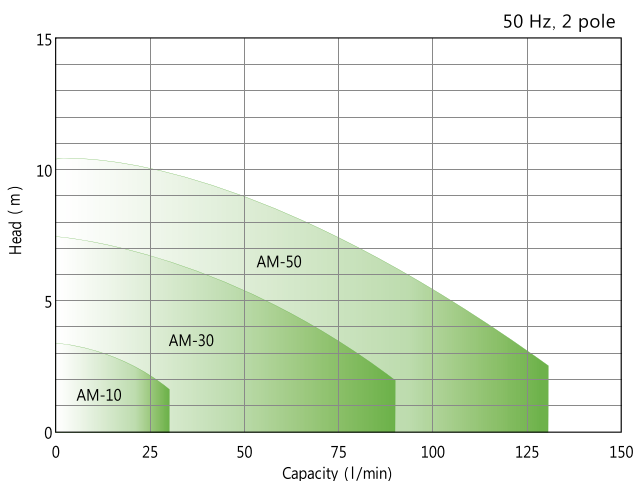


Specifications 產品規格

Frequency (Hz)	頻率 (Hz)	50	60
Max. Capacity (l/min)	最大流量 (l/min)	130	135
Max. Head (m)	最高揚程 (m)	10.4	11.4
Power Range (kW)	功率範圍 (kW)	0.065 - 0.25	
Temperature Range (°C)	操作溫度 (°C)	PP, PP+GF, PVDF: 0 - 80 ETFE+CF: 0 - 95	

Benefits 產品優勢

- Multiple connection options to fit your needs
- Simple construction for fast and easy maintenance
- Multiple material options to handle a wide range of chemicals
- Hermetically sealed for leak-free operation
- 多種配管銜接方式以搭配您的需求
- 構造簡單，方便快速做維修、保養
- 依液體性質，提供多種材質可供選擇
- 全密封，零洩漏



AMF SERIES Precision Chemical Cartridge/Bag Filter-Pump 化工製程精密過濾機 / 袋濾機

Designed for handling hazardous chemicals, these filters are built to operate leak-free for many years. Each filter can be customized to allow easy access for the operator.

此系列過濾器是以零洩漏為設計重點，確保能安全的過濾並循環危險性化學液體。可針對顧客需求做客製，提升使用者操作的方便性。



Specifications 產品規格

Filter Type	過濾方式	Cartridge Filter 濾心式	Bag Filter 濾袋式
Filter Media Quantity	濾材數量	1 - 18	1
Filter Media Size	濾材規格	10", 20", 30"	#01, #02, #04
Filtration Capacity (l/hr)	過濾流量 (l/hr)	Up to 36,000	
Material	材質	PP	
Max. Pressure (kg/cm ²)	最大壓力 (kg/cm ²)	4.0	
Max. Temperature (°C)	最高溫度 (°C)	70	

Benefits 產品優勢

- Leak-free even after years of use
- Distributed flow for improved filtration
- Easy to service or replace filter media
- Customized to fit your operation needs
- Strong construction to ensure safety
- 耐用、零洩漏
- 流速均勻，提高過濾效率
- 快速保養與更換濾材
- 依操作便利性可客製化
- 結構強，確保安全

ISO 17025

Accredited Pump Performance Test Laboratory

泵浦性能測試實驗室



The ASSOMA Pump Performance Test Laboratory was the first laboratory accredited by Taiwan Accreditation Foundation (TAF) for the ISO 17025 Laboratory Management System according to ISO 9906 testing standards. Our laboratory was established to provide our customers with internationally recognized and highest quality pump testing service. We offer customers who need certified pump test reports with the fastest and most economical option on the market.

協磁公司泵浦性能測試實驗室是台灣第一家依據 ISO 9906 測試規範及 ISO 17025 實驗室品質管理系統，且經 TAF 認證通過。協磁泵浦測試實驗室的成立，是為了提供我們的顧客最高品質並為國際認可的測試服務與報告。我們可讓有需要正式測試報告的顧客，以最快並最經濟的方式得到此服務。



The importance of ISO 17025 Laboratory Management System to the customer ISO 17025 實驗室品質管理系統對顧客的重要性

- | | |
|---|---|
| <ul style="list-style-type: none"> · Ensure performance test quality through a quality management system · Internationally recognized test report · Accurate recording and reporting · Properly calibrated and maintained equipment · Qualified testing staff · Well defined test procedures · Conforms with ISO 9906 pump testing standards | <ul style="list-style-type: none"> · 以品質管理系統來確保測試的品質 · 國際認可的測試報告 · 準確的紀錄與報告 · 設備經過正確的保養與校正 · 合格的測試人員 · 標準化的測試程序 · 遵循 ISO 9906 泵浦測試標準 |
|---|---|

· Achievements 成就與肯定 ·



Dun & Bradstreet Elite SME Award
鄧白氏精英獎



Rising Star Award
中小企業處小巨人獎



Corporate Excellence Award
長青企業卓越獎



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