

宏益染液調製機 - CAMS 系列

Copower Auto-Mate System - CAMS series

本設備係用於染整廠化驗室染液之泡製作業，藉由高精確度及快速之調液方式，來提昇母液泡製之品質。

CAMS can speed up and simplify the making procedures in the laboratory to produce accurate solutions.

- 母液泡製迅速精準。
High Precision and Fast Making-up.
- 調液方式設定靈活。
Definable Solutions Making Processes.
- 手動/自動自由切換。
Options of Manual/Automatic Operation.
- 自動攪拌快速均勻。
Automatic and Complete Solution Mixing.
- 視窗作業系統，操作簡單。
Windows Software.



規格 Specifications

型號 Model No.	CAMS 90	CAMS 90 S
電子天平 Scale	精密度 0.01g Accuracy of 0.01g	精密度 0.001g Accuracy of 0.001g
攪拌器 Mixer	六組獨立馬達可調速度 Six mixing positions with separate motor and speed regulator	
滴液閥組 Dispensing Valve	五組冷熱水及大小量管閥組 Five cold / hot and large / small water valve	
電源 Power	單相 AC 220V ± 10%, 50/60Hz Single phase AC 220V ± 10%, 50/60Hz	
淨重 Net Weight	約85公斤 (不含攪拌器及備品) 85 kgs (without mixer and spares)	
消耗功率 Power Consumption	3.5 KW	
機台尺寸(長x寬x高) Dimensions (WxDxH)	600 mm x 600 mm x 980 mm	

規格變動恕不另行通知
Specifications subject to change without notice.



Certified to ISO 9001:2008 in Quality Management System Requirements

宏益科技股份有限公司
Copower Technology Co., Ltd.

新北市汐止區福德一路341號
No. 341, Fu De 1st Rd.,
Hsi Chih Dist, New Taipei City, Taiwan
TEL: +886-2-26945880
FAX: +886-2-26943928
E-mail: copower@seed.net.tw
http://www.copower.com.tw

經銷商 (Agent)

2011.4

宏益染液滴定機 - CADS MG 系列

Copower Automatic Dispensing System-CADS MG series

集合有管路及無管路之優點，提供您快速、準確、再現性高之滴定機。
Combination tubed and tubeless laboratory dispenser, to ensure the fastest possible speed of dispensing and good repetition.

- 新型無管路滴液，無管路保養之慮。
New tubeless valve, high throughput, low maintenance.
- 轉盤式滴液，滴定速度快。
Turn-table design, high speed dispensing.
- 重量法計量，準確度高。
Gravimetric dispensing, maximum accuracy & traceability.
- 模組化設計，擴充性佳。
Modular design concept, offers a wide range of differing models, for all market applications.
- 視窗作業，可與其他系統連線，相容性佳。
Windows operating system, easy to link up with other systems.

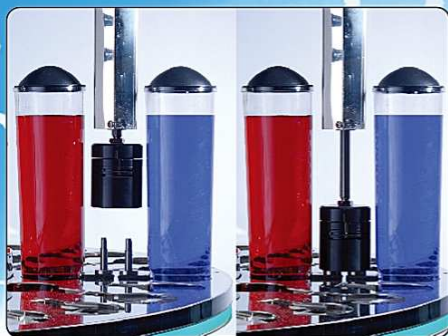


COPOWER - Be Your Power



專利產品 PATENTED

CADS MG 72/00
CADS MG 96/00



特殊開閥設計，簡單快速
Special actuator module, high speed dispensing



無管路滴液實況，精確滴液
Tubeless dispensing, high accuracy

新一代無管路滴定機提供您 New MG series provide you:

- ◆ 精密電磁閥，滴液精準穩定。
Precise dispensing valve, with maximum accuracy and traceability.
- ◆ 更換母液容易，不污染，擴充性佳。
Easy to change dye solution, no pollution and good expansion.
- ◆ 不需清洗管路，無管路阻塞之慮，再現性好。
No need for regular cleaning, no block problem, good reproducibility.
- ◆ 不需管路注液，操作方便。
No need for start-up, more convenient for operator and link-up with other systems.
- ◆ 採用視窗作業系統，相容性佳，操作簡單。
Windows operating system, easy to operate.
- ◆ 模組化設計，提供多種組合，更符合您的需求。
Modular design concept, offers a wide range of differing combinations, to cover all possible requirements.
- ◆ 雙轉盤機型，可同時多人操作機台，作業不間斷，大大提高工作效率。
For twin turn-table model, it offers multi-user operation simultaneously, no break in operation, increase the efficiency highly.



CADS MG 36/00
CADS MG 48/00



CADS MG 108/00
CADS MG 132/00
CADS MG 144/00



CADS MG 36/72
CADS MG 36/102
CADS MG 48/72

規格 Specifications

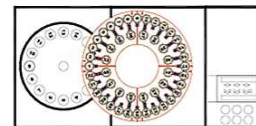
無管路機型 Tubeless Model	CADS MG 36/00	CADS MG 48/00	CADS MG 72/00	CADS MG 96/00
有管母液瓶數量 Number of tubed valve	0	0	0	0
無管母液瓶數量 Number of tubeless valve	36	48	36+36	48+48
總母液瓶數量 Total number of solution bottle	36	48	72	96
天平數量 Number of dispense scale	2	2	3	3
染杯杯位 Dye pot position	12(16)	12(16)	12(16)	12(16)
機台尺寸 Machine dimensions(WxDxH)(mm)	2195x910x1495	2435x1150x1495	2860x910x1495	3340x1150x1495
機台淨重 Machine net weight(kgs)	530	650	780	990

無管路機型 Tubeless Model	CADS MG 108/00	CADS MG 132/00	CADS MG 144/00
有管母液瓶數量 Number of tubed valve	0	0	0
無管母液瓶數量 Number of tubeless valve	36+36+36	36+48+48	48+48+48
總母液瓶數量 Total number of solution bottle	108	132	144
天平數量 Number of dispense scale	4	4	4
染杯杯位 Dye pot position	12(16)	12(16)	12(16)
機台尺寸 Machine dimensions(WxDxH)(mm)	2860x1595x1495	3390x1745x1495	3540X2055X1495
機台淨重 Machine net weight(kgs)	950	1060	1130

有管 + 無管路機型 Tubed/Tubeless Model	CADS MG 36/72	CADS MG 36/102	CADS MG 48/72	CADS MG 72/72	CADS MG 72/126
有管母液瓶數量 Number of tubed valve	72	102	72	72	126
無管母液瓶數量 Number of tubeless valve	36	36	48	36+36	36+36
總母液瓶數量 Total number of solution bottle	108	138	120	144	198
天平數量 Number of dispense scale	2	2	2	3	3
染杯杯位 Dye pot position	12(16)	12(16)	12(16)	12(16)	12(16)
機台尺寸 Machine dimensions(WxDxH)(mm)	2575x910x1645	3025x910x1645	2815X1150X1645	2575x1595x1645	3385x1595x1645
機台淨重 Machine net weight(kgs)	770	950	900	980	1100

* 規格變動恕不另行通知 Specifications subject to change without notice

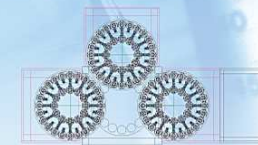
組合示意圖 Layout Drawing



CADS MG 36/00
CADS MG 48/00



CADS MG 72/00
CADS MG 96/00

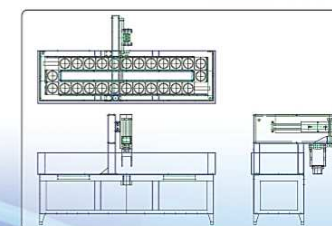


CADS MG 108/00
CADS MG 132/00
CADS MG 144/00

選配 Options



染杯供應系統
(Cup Feeder)



上視/側視圖
(Top/Side View)