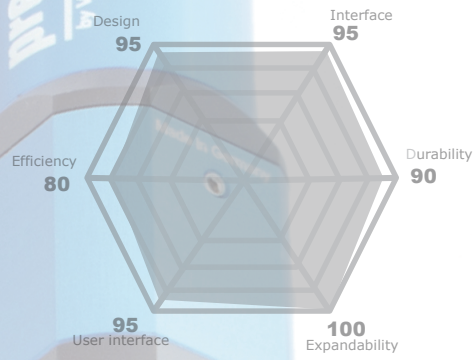


Multi-functional Dispensing Controller **MDC-4000CM**



Provision of simple User Interface (Icon) & Resistance for electronic surge damage

Colorful LCD and quick input value through KEY-PAD and TOUCH-PAD

Individual dispensing control & Up to 128 memory for dosing parameters

Protocol in wide use and independent protocol equipped

Function for Self-Diagnosis integrated

Features

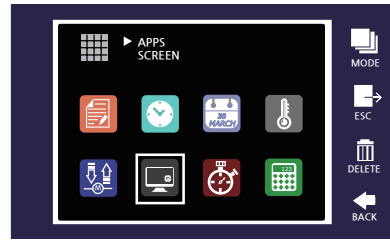
MDC-4000CM Controller is designed for easy-operation by offering simple icon on each MENU and optimized for automation equipment by offering additional interface.

The main advantage of MDC-4000CM is that it is possible to connect up-to 4 dispensers at the same time.

- 다양한 Interface 기능 구현 (자동화 설비에 최적화)
- Color LCD 및 TOUCH-PAD (KEY-PAD 적용)
- MENU 의 ICON 화 (쉬운 조작)
- 최대 4대 연결 (개별 제어)
- 자기 진단 기능

Up to 4 dispenser connection available

Multi-functional Dispensing Controller MDC-4000CM

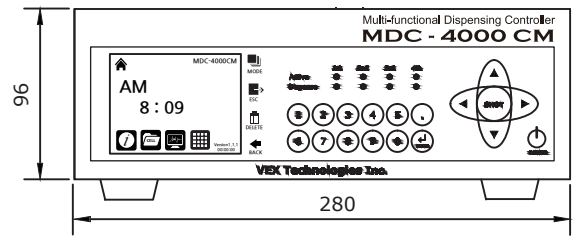


User Interface

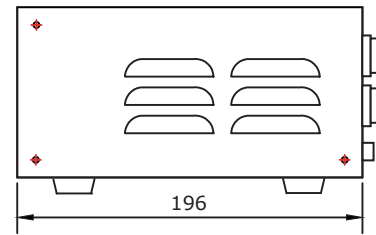
Specifications

Control system	Micro-computer digital control system
Display	3.5" TFT & Touch Screen
Input method	Numeric Key / Touch Screen
Connection	Default : 2 dispenser (Up to 4 dispenser)
Start / Stop	Key, Foot switch, External signal
Cooling type	Air Cooling Type
Memory	Flash memory / CELL No. 1 to 128
Interface	External I/O, RS-232, RS-485 (Optional : ETHERNET)
Operating Condition	+0 °C to +60 °C (non-condensing), air pressure 1 bar
Storage Temperature	dry/dust-free -10 to +40°C
Dimension (W x L x H)	280 x 210 x 97.4 mm
Weight	Approx. 3 kg
Power source	AC110~240V, 50 to 60Hz
Power Fuse	2A
Power Consumption	MAX. 72W

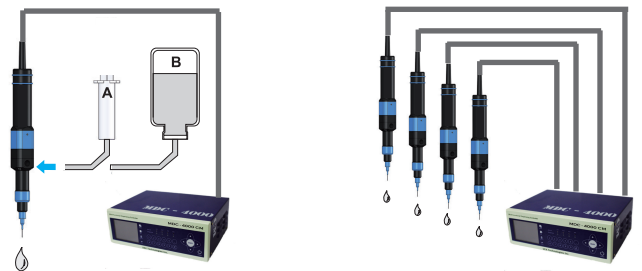
► Dimensions



(mm)



► Connection



► Dispensing modes

MDC-4000CM must be recalibrated, when the medium is changed.
All parameters of dispensing program can be saved in internal flash memory from CELL No. 1 to 128 on each PORT.
The following values can be defined depending on the dispensing program used.

MDC-4000CM 은 사용하는 액체가 변경되었을 때 Recalibration 을 거쳐야 하며 토출 프로그램의 모든 Parameter 는 저장이 가능합니다.
Parameter 는 내장 Flash memory 에 저장되며 각 PORT 별로 CELL 1 ~ 128번까지 저장이 가능합니다.
사용되는 토출 프로그램에 따라 다음 값들이 설정될 수 있습니다.

	토출량(mL) [Quantity]	유속(mL/min) [Flow-rate]	토출시간(sec) [Dispensing Time]	흡입량(mL) [Suck back quantity]	흡입 속도(mL/min) [Suck back speed]	대기 시간(sec) [Pause Time]
토출량 설정 모드 [QUANTITY MODE]	○	○		○	○	○
토출시간 설정 모드 [TIME MODE]		○	○	○	○	○
토출신호 입력 모드 [START/STOP MODE]		○		○	○	○
아날로그 신호 입력 모드 [ANALOG MODE]				○	○	○

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