

Supports upper-level communication Fully digital controlled dispenser

ML-8000X

Industry 4.0 "complete" support Digital Dispenser Unveiled!!



NEN

mproved functions	Features of	ME-8000X	Refined operability
acuum pressure etting	ML-BODOX	1 -0.30 m 0 2 1,000 m	Equipped with a 4.3 inch touch panel
roduction control		101 You, 11	PC communication
quipped with log, If-diagnosis, emergency s	top		Equipped with USB ports
Easy operation and setting w	vith "touch screen".	Simplified manual settin	g Dis-Volume Corr. (9-1445)



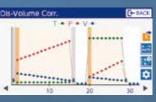
In Va set

P Eq



Simplified manual setting Equipped with auto slope function

Corresponding to changes in viscosity and remaining amount Equipped with auto increment function



Dispensing Application



Dispensing UV on Camera Module



Dispensing Ag Paste on Touch Panel



Speaker Vibration Membrane Attachment



Dispensing Ag Paste on optical communication module

System configuration



Desktop and Cartesian robot

FA dispense machine





Product name		Fully digital controlled dispenser		
Model		ML-8000X-CTR-V7-N	ML-8000X-CTR-V2-N	
Dispensing method		Air-pulse type		
Control method		Micro-computer controlled electronic-pneumatic system		
Display		4.3 inch touch panel color LCD		
Dispensing mode		Timed mode, manual mode		
Dispensing pressure adjustment range		20.0 to 700.0 kPa	5.0 to 200.0 kPa	
Dispensing time setting range		0.010 to 9999.999 sec		
Vacuum pressure setting range		0.00 to -5.00 kPa		
Major functions		Auto increment, auto slope, express shot, discharge condition correction, self-diagnosis, date and time, operation history, discharge counter, alarm, remaining amount warning, pressure abnormality, electromagnetic valve alarm, electromagnetic valve error, supply air pressure error, vacuum pressure error, Password lock, channel copy, parameter backup, stopwatch, interval ejection, display language switching (Japanese / English / Chinese), display unit switching (kPa / bar), I / O function allocation		
Channel count		400 CH		
Scalability	USB host	Type A x 1 port (for mass storage device connection)		
	USB device	Type mini B x 1 port (for PC connection)		
	RS-232C	D-Sub 9 pin (plug) x 1 port		
	Link to Temperature controller	e-CON (4-pin socket) x 1 port		
External input/output signal D-Sub	Connector	D-Sub 25pin (socket)		
	Input	Optocoupler input DC24V, 5mA, discharge, channel switching, discharge mode switching, channel preset, channel specification, channel step, discharge enabled		
	Output	Optocoupler open collector output DC24V, 10mA or below Ready, discharging, alarm, error, energizing, pressure switching, auto increment completed, channel / discharge mode switching completed		
Source pressure range		200 to 800 kPa	200 to 800 kPa	
Power *1 *2	Connector	ACAT-3 dedicated connector, e-CON (3-pin socket)		
	Rated voltage	DC 24 V ±10%		
	Power consumption	26W		
Usage environment (indoor only)		Temperature : 15 to 35°C, Humidity : 5 to 75% (without condensation), Altitude : below 2,000 m		
Storage environment		Temperature: 1 to 60°C, Humidity: 30 to 80% (without condensation)		
External dimensions (excluding protrusion part)		W210×D250×H108 mm		
Weight		3.4 kg		
Compatible standards		EU RoHS2, CE marking (EMC directive)		
Other options		AC adapter (ACAT-3), hand switch (LS-2T-DSUB25-1.5M, LS-3T-DSUB25-1.5M), foot switch (FS / W-2-DSUB25-2.0M), various connection cables, etc.		

Supports high-level communication

* 1 The AC adapter is not included in the product.

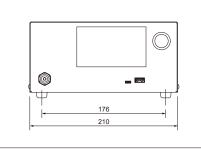
Specifications

* 2 Use one of the following methods to supply power. • Use our ACAT-3 (input rating AC100-240V 50 / 60Hz).

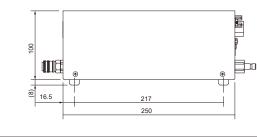
Use a SELV power supply that meets the LVD matching standard for CE marking. (Compatible plug: e-CON 3 pin)

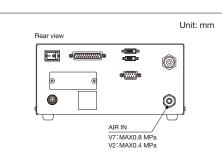
External dimensions

Safety precautions



Please read the instruction manual carefully before use to ensure correct and safe usage.







*These specifications are subject to change without any notice

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