

# Air pulse dispenser controller ③

The best lineup, from the completely digital unit to very economical and highly functional models.

## High precision digital dispenser

### ML-5000XII

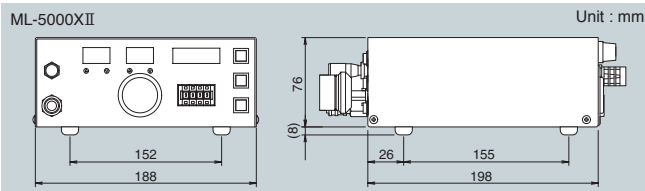


“Dispensing Accuracy” that we have upgrade. All for high quality dispensing.

- Excellent dispensing accuracy achieved thanks to integration of diversified sophisticated features including air pulse stabilization circuit.
- Compacted installation area by 65%.
- Input signal selectable between “no voltage” and “applied voltage (5V/12V/24V)” by use of input signal selection DIP switch.
- CE Marking certified, EU RoHS compliant.

#### Specifications

Item name	High precision digital dispenser
Model	ML-5000XII
Control system	Electronic/pneumatic system
Pneumatic control	Air pulse stabilization circuit (PAT.)
Pressure adjusting range	0.000 to 0.700MPa
Dispensing time setting range	0.010 to 9999s
Display section	LED digital display
Vacuum pressure	0 to -20.0kPa
Special function	<ul style="list-style-type: none"> <li>• Digital vacuum drip prevention mechanics (Micrometer specification)</li> <li>• Stopwatch function</li> <li>• Shot switch</li> <li>• Input signal voltage selection DIP switch</li> </ul>
Input/output signal	Input: Contact or non-contact Output: Non-contact (Dispensing complete output signal is a standard)
Supply air pressure	Max. 0.8MPa (Dispensing pressure +0.1MPa or more)
Power supply/Power consumption	AC100-240V 50/60Hz · 17W
External dimensions and weight	W188xD198xH76mm · 3.4kg



## High precision ECO dispenser™

### SMART SHOT™ MS-1/MS-1D



Outstanding high cost performance.

- Power consumption 1/2 — Cut power consumption by 50%.
- Accuracy improvement — Dispense precision is improved, 130% compared to existing model.
- Multifunctional machine — Equipped with set up function for dispense condition.
- Ultra-Light weight and compact design.
- CE Marking certified, EU RoHS compliant.



#### Specifications

Item name	High precision ECO dispenser SMART SHOT	
Model	MS-1	MS-1D
Control system	Microprocessor-controlled electronics and pneumatics	
Pressure adjusting range	0.02 to 0.70MPa	
Display section	Analog display	Digital display (Display resolution : 0.01MPa)
Dispensing time setting	10ms to 9999s	
Dispensing time display	LED digital display (4digits)	
Control circuit	Microcomputer controlled digital circuit	
Vacuum pressure	0 to -20kPa	
Input/output signal	Input: Non-contact and Contact Output: Non-contact	
Operating environment	Temperature:15-35°C , Humidity:25-75%, at elevations below 2000m	
Protection class	IP-40	
Supply air pressure	Max.0.8MPa (Dispensing pressure +0.1MPa or More)	
Power supply/Power consumption	AC100-240V 50/60Hz · 12W (through AC adapter)	
External dimensions	W142xD138xH103mm (excluding protrusion)	
Weight	790g	

