

Upgraded “Dispensing Accuracy”

All for high quality dispensing



Excellent dispensing

Equipped with an air pulse stabilizing circuit (PAT.) as standard. Achieves excellent dispensing accuracy by eliminating volume fluctuation.



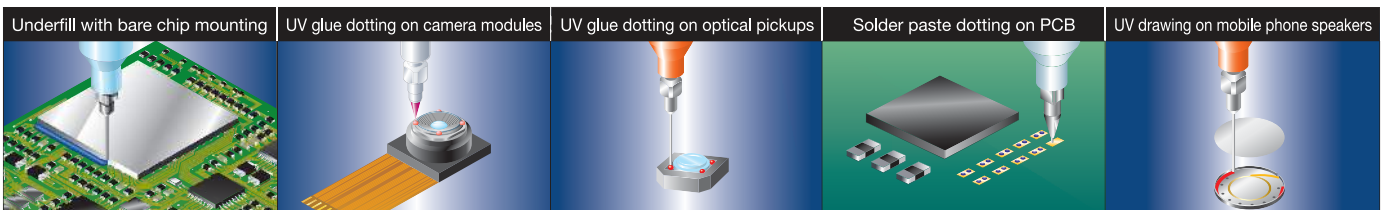
Space saving

Compact design has enabled smaller footprint.



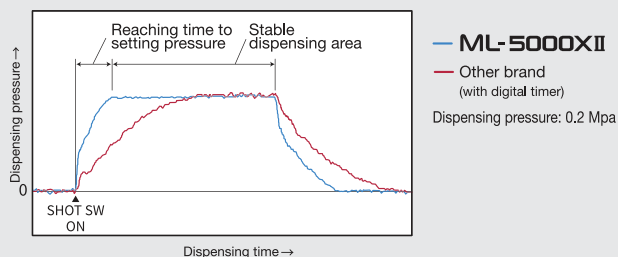
Desktop robot system example

DISPENSING APPLICATIONS

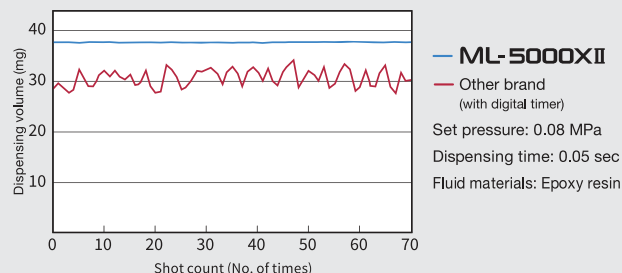


Effect of air pulse stabilizing circuit (PAT.)

Eliminates dispensing volume fluctuation



Achieves excellent dispensing accuracy



MUSASHI's unique, air-pulse stabilizing circuit raises the pressure faster, providing good response. Accordingly, the stable dispensing area becomes wider to eliminate fluctuations in dispensing volume.

Specifications

Product name		High-precision digital dispenser
Model		ML-5000XII-CTR
Dispensing system		Air-pulse system
Control system		Micro-computer controlled electronic-pneumatic system
Dispensing modes		TIMED/MANUAL mode
Dispensing pressure setting range		5 to 700 kPa
Dispensing time setting range		0.01 to 9,999 s
Vacuum pressure setting range		0 to -20 kPa (Source pressure 400 kPa)
Main functions		Manual/Timed mode switching, Stopwatch
Input signals		Dispensing
Output signals		Dispensing completion/in-dispensing (selectable)
Source pressure	Connection specifications	One-touch joint for OD6mm
	Range	Dispensing pressure +100 kPa or more and maximum of 800 kPa
Rated power supply and frequency		AC100-240 V 50/60 Hz
Power consumption		17 W
Conformity standards		EU RoHS2, CE-marking (Low Voltage Directive, EMC directive)
External dimensions		W188 × D198 × H84 mm
Weight		3.4 kg
Other options		Handy switch, Foot switch, Syringe stand, Various connection cables, etc.

Convenient option



Handy switch

Handy switches that is fit on the tip of syringe to control dispensing ON/OFF for manual application. The soft touch switch operation offers precise dispensing control and less nozzle off-target.

Model: ① LS-3T-1604P
② LS-2T-1604P



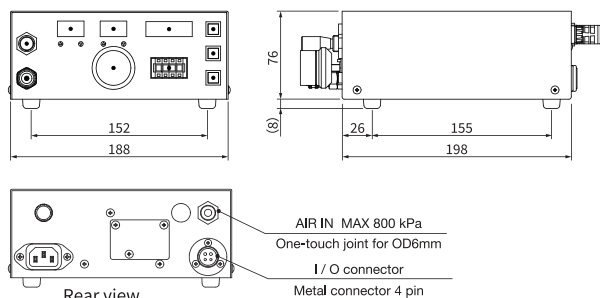
Foot switch

This switch is used to trigger and stop dispensing with your foot.

Model: FS/W-2-1604P

External dimensions

Units: mm



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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MUSASHI ENGINEERING, INC.
(headquarters) is certified and registered according to the ISO 9001 Quality Management System and the ISO 14001 Environmental Management System.



<http://www.musashi-engineering.co.jp/english/>

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