



MUSASHI
ENGINEERING, INC.

NEW

*Volumetric
precision*
×
*continuous
dispensing*

Single head configuration

For high-speed, high-quality gasket dispensing.

- ◆ Superior for gasket applications with **high speed, high flow rate and high aspect ratio.**
- ◆ Lineup covers **micro-deposits to high flow rates.**
- ◆ Dual head configuration that can achieve **high-precision volumetric mixing for two-component hardening material.**
- ◆ **Highly chemical resistant parts** used for compatibility with **wide range of liquid materials.**
- ◆ Equipped with **Synchro Speed™ function** PAT.P

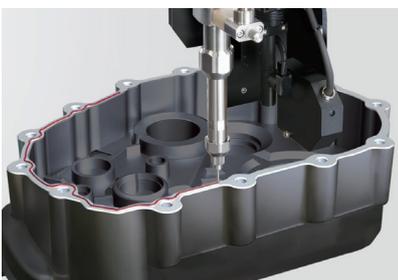


*Two-component mixing
configuration*

**DUAL
MOHNO MASTER™**



Applications



FIPG dispensing on engine parts



Liquid gasket dispensing on motor covers



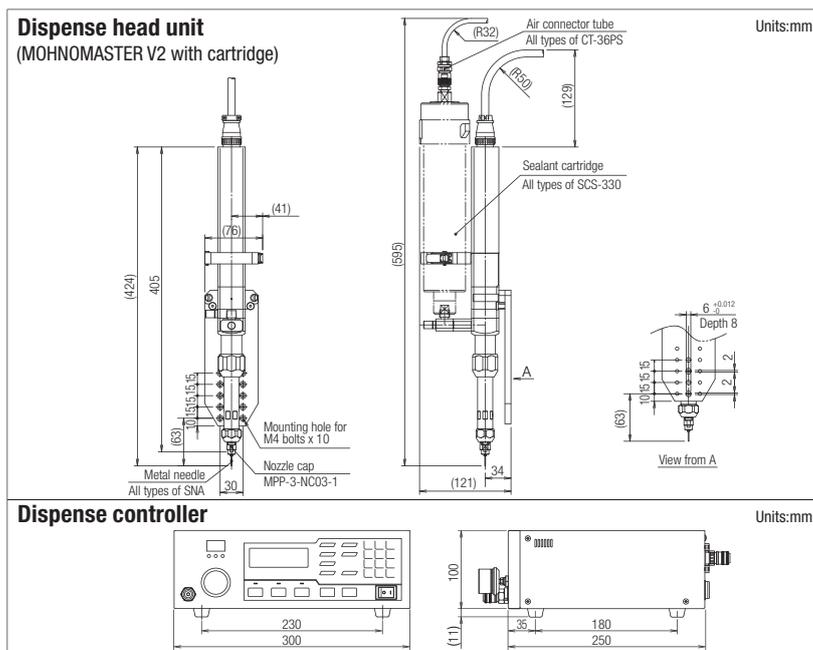
Potting of onboard vehicle substrates

High-performance MOHNO dispenser **VSD-1 MOHNO MASTER™**

Specifications

Product name	MOHNOMASTER V1	MOHNOMASTER V2
Model	VSD-1-000170	VSD-1-001700
Dispensing system	MOHNO-SYSTEM	
Control system	Microcomputer digital control system	
Applicable liquid materials	CIPG, FIPG, UV adhesives, RTV silicone adhesives, etc.	
Applicable containers	Syringes, barrel cartridges, sealant cartridges, feed pumps, tanks	
Dispensing modes	TIMED mode, MANUAL mode	
Dispensing flow rate range	0.001 to 0.170mL/s	0.010 to 1.700mL/s
Dispensing time setting range	0.01 to 9999.99s	
Main functions	Suck back, Synchro Speed™, turbo function, dispensing shot counter, specific gravity conversion, unit display switch, Japanese-English display switch	
Channel number	100CH	
RS-232C serial communication	Available	
Input signals	Dispense, channel switching, dispensing mode switching, channel preset, channel step, Synchro Speed ON	
Output signals	Dispensing completion/in-dispensing, busy, error, external operation mode, power on	
Rated voltage and frequency	AC100-240V 50/60Hz	
Power consumption	145W	
Dispense head unit dimensions W*D*H (excluding protrusions)	<ul style="list-style-type: none"> •Syringe Configuration:44×75×297mm •Cartridge Configuration:70×102.5×297mm •Pump/tank Configuration:44×84×297mm 	<ul style="list-style-type: none"> •Cartridge Configuration:70×102.5×405mm •Pump/tank Configuration:52×87×405mm
Weight of dispense head unit	1.2kg	1.6kg
Controller dimensions W*D*H (excluding protrusions)	300×250×111mm	
Weight of dispense controller	5.0kg	

External Dimensions



Example of desktop robot configuration

SHOTMASTER™
Ox series



Example of mounting cartesian robot for inline production

CROSS MASTER™
Ox series



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



<http://musashi-engineering.de>

World Leading Dispenser
MUSASHI ENGINEERING, INC.

HEAD OFFICE
8-7-4, Shimorenjaku, Mitaka, Tokyo, 181-0013, Japan TEL : (81)422-76-7111 / FAX : (81)422-76-7122
BRANCH
TOKYO, OSAKA, NAGOYA, SENDAI, FUKUOKA, SAITAMA, NAGANO, EAST-KANTO, AKITA, KANAZAWA

SINGAPORE 10 Ubi Crescent # 05-24 Ubi Techpark Lobby B Singapore 408564
TEL : (65)6258-2422 / FAX : (65)6258-4844

THAILAND No.12 Soi Bangna-Trad 25, Bangnanuea, Bangna Bangkok, 10260 Thailand
TEL : (66)2-022-9015 / FAX : (66)2-769-5450

INDONESIA Jl. MH. Thamrin, Robson Square, Block A-15, Lippo Cikarang, Bekasi 17550, Jawa Barat, Indonesia
TEL : (62)21-8990-5005 / FAX : (62)21-8990-5004

GERMANY Marcel-Breuer-Str. 15, D-80807 Munich, Germany
TEL : (49)89-321996-06 / FAX : (49)89-321996-07

KOREA (902 No. 9 F. #C, Korea Bio Park.) 700, Daewangpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13488, Korea
TEL : (82)31-702-3811 / FAX : (82)31-702-3881

TAIWAN 8F-2, No. 158, Sec. 2, Gongdao 5th Road, Hsinchu, Taiwan 30070
TEL : (886)3-572-9200 / FAX : (886)3-572-9300

CHINA

HONG KONG Unit 1706, 17/F., Greenfield Tower, (South)Concordia Plaza, No.1 Science Museum Road, T.S.T.East, Kowloon, H.K.
TEL : (852)2620-5799 / FAX : (852)2620-5771

SHANGHAI A-120 Room, No.525 Xian Feng Street (No.55 Jin Yu Road), Min Hang, Shanghai, China
TEL : (86)21-6446-7881 / FAX : (86)21-6446-7882

SHENZHEN Room 702, West Tian'an Tech Plaza II, Tian'an Cyber Park, Futian District Shenzhen, China
TEL : (86)755-8346-6822 / FAX : (86)755-8346-6866

TIANJIN Room 1206, Sino Ocean International Center, No. 40 Huachang Road, Hedong District, Tianjin
TEL : (86)22-5856-2051

SUZHOU Room 1010, No.188 Wang Dun Road, GENWAY BUILDING, Suzhou City Industrial estate Distric, Jiangsu, CHINA
TEL : (86)512-6878-4428 / FAX : (86)512-6878-4438