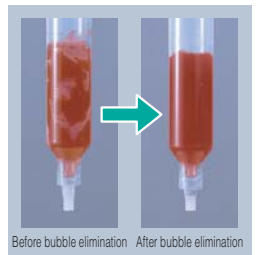


Further user friendly, reliable, and speedy bubble elimination!



Bubbles are eliminated just by placing a syringe and pressing the switch.



New function 1 Introduction of a syringe detachable mechanism with stationary holder allows for simple operation and elimination of syringe setting failure.



New function 2 Introduction of a newly developed needle cap mounting jig has achieved reliable capping, and accordingly prevents liquid from leaking during bubble elimination.



New function 3 Introduction of a digital timer allows for detailed setting and control of bubble elimination time.



Applicable liquids: silver paste, solder paste, epoxy resin, silicone resin, UV resin, two-part curable resin, lubricating agent, grease, thermal silicone

Features

- Applicable worldwide, 220 to 230 volts specifications also available.
- Abnormal vibration detection function equipped.

If an abnormal vibration is generated because of unbalanced weight of the installed syringe, the machine is forcibly stopped for safety.

Specifications

Centrifugal bubble eliminator for syringe

Item name	Model	Applicable syringe	Remark
AWATRON 3	AW-20-3	1,3,5,10,20 ml	Power supply of 100 VAC
	AW-20-3-220V		Power supply of 220/230 VAC
	AW-50-3	1,3,5,10,20,30,50 ml	Power supply of 100 VAC
	AW-50-3-220V		Power supply of 220/230 VAC

Note: The holders and holder collars for 1 to 10 ml syringes are optionally available.

Holder/holder collar for AWATRON 3 (also used for NC-3E/7E)

Item name	Model	Applicable syringe	Quantity
Holder for 1 ml	AW3-H1	1	1
Holder for 3 ml, for BLT type	AW3-H3	1	1
Holder for 3 ml, for E and EU-G types	AW3-H3E	1	1
Holder collar for 5 ml	AW3-C5	1	1
Holder collar for 10 ml	AW3-C10	1	1

Note: For 20 to 50 ml syringes, the syringe holder attached with the unit can be used for syringe placement. Additional collar and holder are not required.

Cleaning jig

Item name	Model	Quantity
Syringe holder cleaning jig for AWATRON 3	AW3-CLJ-01	100 pieces/pack

External transformer (option)

- Use the transformers listed below when using AW-20-3 or AW-50-3 with voltage other than 100V.

Item name	Model
For 110 VAC (110 VAC ⇒ 100 V)	TR-110
For 117 VAC (117 VAC ⇒ 100 V)	TR-117
For 200 VAC (200 VAC ⇒ 100 V)	TR-200
For 220 VAC (220 VAC ⇒ 100 V)	TR-220
For 240 VAC (240 VAC ⇒ 100 V)	TR-240

Note: 600 W, 2-pole socket with grounding terminal/1 unit
 If the power supply voltage is 210 VAC, use the model, TR-220.
 If the power supply voltage is 230 VAC, use the model, TR-240.

Model	AW-20-3	AW-20-3-220V	AW-50-3	AW-50-3-220V
Settable time	1 to 600 sec.			
Applicable syringe ml (cc)	1 ml x 4 pieces			
	3 ml x 4 pieces			
	5 ml x 4 pieces			
	10 ml x 4 pieces			
	20 ml x 4 pieces			
		—		30 ml x 4 pieces
	—		50 ml x 4 pieces	
Power supply	100 VAC 50/60Hz	220 VAC or 230 VAC 50/60Hz	100 VAC 50/60Hz	220 VAC or 230 VAC 50/60Hz
Power consumption	165W		400W	
Weight	Approx. 15 kg		Approx. 24 kg	

External dimensions

Model	W	D	H
AW-20-3	320	394	205
AW-20-3-220V			
AW-50-3	431	509	245
AW-50-3-220V			

Unit : mm

Safety precaution
 Make sure to read the instruction manual before you use the unit, for your safety.

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世界のディスペンサー

武蔵エンジニアリング株式会社

MUSASHI ENGINEERING, INC.

HEAD OFFICE

8-7-4, Shimorenjaku, Mitaka-shi, 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

MUSASHI ENGINEERING HONG KONG LTD. 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

MUSASHI ENGINEERING SHANG HAI LTD. ROOM 120, 1F, NO.525 Xian Feng Street, MINHANG, SHANGHAI, CHINA 201103 TEL : (86)21 6446 7881 / FAX : (86)21 6446 7882

SHENZHEN BRANCH Room 4D-06 Building No 213, Tairan Industry & Trade Park, Futian District, Shenzhen City, Guangdong Province, PR China 518042 TEL : (86)755 8346 6822 / FAX : (86)755 8346 6866

MUSASHI ENGINEERING KOREA, LTD. Rm 906-1, A-dong, Bundang Techno-Park, 150 Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-816, Korea TEL : (82)31-702-3811 / FAX : (82)31-702-3881

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

SINGAPORE BRANCH 20 Bendemeer Road, #06-13 CyberHub Singapore 339914 TEL : (65)6258-2422 / FAX : (65)6258-4844

MUSASHI ENGINEERING (THAILAND) CO., LTD. No.12 Soi Bangna-Trad 25, Bangna, Bangkok, 10260 Thailand TEL : (66)2-769-5708 / FAX : (66)2-769-5450