WAKO
Focusing Production and Marketing of Filling Machines
For over 30 years, WAKO&CO., LTD. has been dedicated to making filling machines which are optimized for liquid, cream, lotion, source, fertilizer etc. We specialized for small-quantity batch production and provide filling machines for both domestic and overseas companies dealing in foods, pharmaceuticals, cosmetics, liquid fertilizers and car engine cleaning material.
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Bottle Cleaner

Model: WA-40-A

Application
ADOPTING IONIZING DEVICE, REMOVE AND CLEAN EVEN MINUTE DUST ORIGINATED BY STATIC ELECTRICITY. FIT TO ALL KINDS OF BOTTLE REGARDLESS OF ITS SHAPE.

이온화 발생 장치를 장착하여 정전기에 의해 발생한 미세한 먼지까지 (0.01㎛) 제거 가능하며 응기의 형태와 관계없이 사용가능.

Specification
• OUTPUT : 30-40 EA/MIN (MANUAL BOTTLE SUPPLY)
• FIT BOTTLE WAY IN SIZE : 6-80 mm
• FILTERING : 5㎛, 1㎛, 0.3㎛, 0.01㎛
• BLOWING PRESSURE : 1.650mm.AQ
• AIR SUPPLY : 4-5 Kg/cm
• ELEC. POWER : 220V, 3 Phase, 50/60Hz, 0.375KW
• DIMENSION (L.W.H) & WEIGHT : 670 x 630 x 1,000mm, 110 Kg

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Filling Machine

Multi Purpose

Model: WFJ-S

Application
SUITABLE FOR FILLING PASTE, MAYONNAISE, SAUCE, SHAMPOO, DETERGENT AND GEL TYPE ROUND / ANGLED BOTTLES AND POUCH.

Specification
• OUTPUT: 25-30EA/MIN (FOR 400 ML FILLING)
• FILLING RANGE: 200-2,000 ml
• HOPPER: 120-170 LITER (USER OPTION)
• AIR SUPPLY: 4-5 Kg/cm²
• ELEC. POWER: 220V, 1 Phase, 50/60Hz, 0.4kW
• DIMENSION (L.W.H): 1,600 x 950 x 1,670mm
• WEIGHT: 350 Kg

WFJ-S-A

Application
SUITABLE FOR FILLING PASTE, MAYONNAISE, SAUCE, SHAMPOO, DETERGENT AND GEL TYPE ROUND / ANGLED BOTTLES AND POUCH.

Specification
• OUTPUT: 25-30 EA/MIN (FOR 400ML FILLING)
• FILLING RANGE: 200-2,000 ml
• HOPPER: 120 LITER (STANDARD)
• AIR SUPPLY: 4-5 Kg/cm²
• ELEC. POWER: 220V, 1 Phase, 50/60Hz, 0.4kW
• DIMENSION (L.W.H): 1,600 x 950 x 1,670mm
• WEIGHT: 500 Kg
• OPTION: BAND SEALER FOR POUCH SEALING
Filling Machine

Air Pressure Type

Model: WFA-A

Application
FOR BUBBLE GENERATING LIQUID FILLING - SOFT DRINK, MINERAL WATER, SOY SAUCE, VEGETABLE JUICE, SAUCE, LOTION, GLASS WASHER.

Description:
생수, 음료수, 간장류, 야채즙, 소스류, 로션, 워셔액용 거품 발생이 많은 제품의 충전에 적합.

Model: WFA-B

Specification
- OUTPUT: 30-40 EA/MIN (FOR 120g LOTION FILLING)
- FILLING RANGE: 50-2,000 mL
- JAR DETECTING SENSOR PROVIDED
- UP & DOWN ADJUSTABLE FILLING NOZZLE
- AIR SUPPLY: 4-5 Kg/cm²
- ELEC. POWER: 220V, 1 Phase, 50/60Hz, 0.3kW
- DIMENSION (L.W.H) & WEIGHT
  2,000 x 650 x 1,500mm. 550 Kg (TYPE-A)
  750 x 650 x 1,500mm. 470 Kg (TYPE-B)

※ AIR PRESSURE TYPE TANK PROVIDED
Filling Machine

Liquid Vacuum Type

Model: WFV-A

Model: WFV-B

Application
SUITABLE TO FILL BUBBLE ORIGINATING FLUID - SKINS, FINE EXTRACTION, EYE DROP, LENS CLEANSING FLUID INTO PVC, PLASTIC AND GLASSWARE BOTTLES.

화장수, 스킨스, 결체된 액기소, 콜텍트렌즈 세정제 등 거품 발생이 없는 제품의 충전용. 용기는 플라스틱류, PVC, 유리병이 적합.

Specification
• OUTPUT: 40-48 EA/MIN (FOR 120g SKIN FILLING)
• FILLING RANGE: 50-2,000 ml
• AIR SUPPLY: 4.5 Kg/cu
• ELEC.POWER: 220V, 1 Phase, 50/60Hz
• DIMENSION: 1,900 x 650 x 1,500mm. 380 Kg (TYPE-A)
• DIMENSION: 750 x 650 x 1,500mm. 300 Kg (TYPE-B)
Filling Machine

Gel Type Filling

Model: WFL-GEL-B

Model: WFL-GEL-D

Model: WFL-GEL-C

Application
SUITEABLE FOR FILLING LOW & HIGH VISCOSITY COSMETICS, FOODS AND CHEMICALS WHICH NEED NOZZLE TIP CUTTING AFTER FILLING SHAMPOO, HONEY, BEAN PASTE, KETCHUP, SAUCE GEL PRODUCTS ETC.

Specification
• OUTPUT: 20-25 EA/MIN (FOR 120g FILLING)
• FILLING RANGE: 20-600g (BY OPTIONAL CYLINDER)
• NOZZLE: MULTI STEP AIR CUTTING NOZZLE
• HOPPER: 90 LITER (STANDARD)
• AIR SUPPLY: 4.5 Kg/hr
• ELEC.POWER: 220V, 1 Phase, 50/60Hz x 0.4kW
• DIMENSION (L.W.H): 1,700 x 820 x 1,200mm
• WEIGHT: 250 Kg

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Filling Machine

Liquid Filling

Model: WFL-M

Application
FOR FILLING SMALL VOLUME LIQUID INTO SMALL BOTTLES - PERFUME, EYE DROPS, OIL LIQUID, SYRUP, LIQUID FERTILE ETC.

Specification
• OUTPUT: 24-100 EA/MIN (BY 2 NOZZLE)
• FILLING RANGE: 1-250 ml
  (BY OPTIONAL CYLINDER)
• AIR SUPPLY IS NOT REQUIRED
• ELEC.POWER: 220/380V, 1 Phase, 50/60Hz. 90Watt
• DIMENSION (L.W.H) & WEIGHT: 1,400 x 880 x 1,460mm. 150 Kg

Model: WFL-P-A

Application
FOR FILLING MID & LARGE VOLUME OF SHAMPOO, DETERGENT, ADDITIVE, FERTILE, MOTOR OIL, RINSE, VISCOSITY LIQUID ETC.

Specification
• OUTPUT: 10-12 EA/MIN
  (FOR 4,200 ml FILLING)
• FILLING RANGE: 500-5,000 ml
• FILLING BY SERVOMECHANISM MOTOR
• AIR SUPPLY: 4.5 Kg/cm²
• ELEC.POWER: 220V, 3 Phase, 50/60Hz. 4kW
• DIMENSION (L.W.H) & WEIGHT: 4,000 x 1,000 x 1,985mm. 1,000 Kg
# Filling Machine

## Liquid Filling

**Model:** WFL-P

### Specification

- **Output:** 15-40 EA/Min by 4 Nozzle (For 1,000 ml filling)
- **Filling Range:** 200-2,000 ml (By Optional Cylinder)
- **Air Supply:** 4-5 kg/cm² (By Optional Air Cylinder)
- **Electrical Power:** 220V/380V, 3 Phase, 50/60Hz, 1.5kW
- **Dimension (L.W.H) & Weight:** 2,350 x 880 x 1,010mm, 660 Kg
- **Two Nozzle Type:** Option

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## Jar Rotating

**Model:** WFJ-20B-N

### Specification

- **Output:** 25-30 EA/Min (For 100g cream filling)
- **Filling Range:** 30-500 g (By Optional Cylinder)
- **Low/High Speed Adjustable:** 0-900 RPM
- **Filling Nozzle:** Up/Down Sliding Type
- **Hopper:** 90 Liter (Standard)
- **Air Supply:** 4-5 kg/cm²
- **Electrical Power:** 220V, 1 Phase, 50/60Hz, 0.75kW
- **Dimension (L.W.H):** 930 x 880 x 1,700mm
- **Weight:** 370 Kg

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For more information, visit: [www.wako-korea.co.kr](http://www.wako-korea.co.kr)
Filling & Capping Machine

Model: WFC-A

Model: WFC-S
초음파 Tube Sealing Machine

Model: WTSC-02

Application
SEMI AUTOMATIC SEALING P.E, LAMINATED TUBE, TOOTHPASTE, COSMETIC, OINTMENT AND SPICES ETC.

치약, 화장품, 연고, 양념류 등을 P.E, 라미네이트 튜브 씨링에 적합.

Specification
• OUTPUT: 10-20EA/MIN
• APPLICABLE TUBE SIZE: 15-50mm (OUTDIAMETER) 50-220mm (LENGTH)
• AIR SUPPLY: 4-5Kg/cm²
• DIMENSION (L.W.H) & WEIGHT: 1,050 x 550 x 1,050mm, 70Kg

Tube Filling & Sealing Machine

Model: WSTAF-02

Application
FOR AUTOMATICAL FILLING AND SEALING IN PE AND LAMINATE TUBES - TOOTH PASTE, COSMETICS, OINTMENT, SPICES ETC.

치약, 화장품, 연고, 양념류 등을 PE, 라미네이트 튜브에 자동으로 채전, 씨링에 적합.

Specification
• OUTPUT: 30-50 EA/MIN
• FILLING RANGE: 10-250 g (BY OPTIONAL CYLINDER)
• APPLICABLE TUBE SIZE: 15-50 mm (DIAMETER) 50-220 mm (LENGTH)
• AIR SUPPLY: 4-5 Kg/cm². 150 L/MIN
• ELEC.POWER: 220V, 1 Phase, 50/60Hz, 6.3kW.
• DIMENSION (L.W.H) & WEIGHT: 1,700 x 1,300 x 1,900mm, 1,200 Kg
**Filling Machine**

### Mascara Filling M/C
**Model:** WFA-M

**Application:**
FOR STICKY AND GREASY GOODS FILLING INTO SMALL BOTTLE - HIGH VISCOSITY CREAM, MASCARA, FOUNDATION, EYE LINER ETC.

**Specification:**
- **OUTPUT:** 40-50 EA/MIN (FOR FILLING 20g MASCARA)
- **FILLING RANGE:** 5-55 g
- **TOUCH AND FILLING SYSTEM**
- **FILLING VOLUME CONTROL:** PISTON STROKE ADJUSTMENT
- **ELECTRIC POWER:** IS NOT REQUIRED
- **AIR SUPPLY:** 4-5 Kg/cm²
- **DIMENSION (L.W.H) & WEIGHT:** 860 x 560 x 1,200mm. 250 Kg

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### Sample Filling M/C
**Model:** WFS

**Application:**
FILLING SMALL QUANTITY OF HIGH VISCOSITY CREAM AND GEL GOODS INTO SMALL BOTTLE. SUITABLE IN LABORATORY AND TEST ROOM.

**Specification:**
- **OUTPUT:** 30 ~ 80 EA/MIN (FOR FILLING 5g CREAM)
- **FILLING RANGE:** 3-55 g
- **NOZZLE:** CHECK VALVE SYSTEM
- **FILLING VOLUME CONTROL:** PISTON STROKE ADJUSTMENT
- **HOPPER:** 13 LITER (STANDARD)
- **AIR SUPPLY:** 4-5 Kg/cm²
- **ELEC. POWER:** 220V, 1 Phase, 50/60Hz. 0.3kW
- **DIMENSION (L.W.H) & WEIGHT:** 630 x 830 x 1,970mm. 70 Kg

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### Sample Filling M/C
**Model:** WFS-A

**Application:**
FILLING SMALL QUANTITY OF HIGH VISCOSITY CREAM AND GEL GOODS INTO SMALL BOTTLE. SUITABLE IN LABORATORY AND TEST ROOM.

**Specification:**
- **OUTPUT:** 30-60 EA/MIN (FOR FILLING 5g CREAM)
- **FILLING RANGE:** 10-70 g
- **NOZZLE:** CHECK VALVE SYSTEM
- **FILLING VOLUME CONTROL:** PISTON STROKE ADJUSTMENT
- **HOPPER:** 30 LITER (STANDARD)
- **AIR SUPPLY:** 4-5 Kg/cm²
- **ELEC. POWER:** 220V, 1 Phase, 50/60Hz. 0.3kW
- **DIMENSION (L.W.H) & WEIGHT:** 630 x 830 x 1,970mm. 70 Kg
- **PLC PROGRAM**
Multipurpose Capping Type

Vialcap Crimping
Model: WAC

Capping Machine
Model: WC-T

Application
FOR MEDICINE, FOOD, COSMETICS BOTTLE
VIAL CAP CRIMPING(ALUMINUM)

Application
FOR SCREW CAP AND TRIGGER (PUMP)
TYPE CAP CRIMPING.

Specification
- OUTPUT: 30-40 EA/MIN
- FIT BOTTLE WAY IN OUTER DIAMETER: 10-45mm
- OPERATION:
  6 STEP INDEX DRIVE BY CENTRAL
  CONTROL SYSTEM ON START BUTTON
- AIR SUPPLY: 4-5 Kg/cm²
- ELEC. POWER: 220V, 1 Phase, 50/60Hz
  0.3kW
- DIMENSION (L,W,H): 800 x 600 x 1,450mm
- WEIGHT: 150 Kg

Specification
- OUTPUT: 20-40 EA/MIN
- FIT CAP DIAMETER: 20-90mm
- FIT BOTTLE HEIGHT: 50-350mm
- BOTTLE DETECTOR PROVIDED
- TORQUE: 25 Kg/cm²
- AIR SUPPLY: 4-5 Kg/cm²
- ELEC. POWER: 220/380V, 3 Phase, 50/60Hz 90 Watt
- DIMENSION (L,W,H) & WEIGHT:
  810 x 720 x 1,400mm. 150 Kg

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Filling Machine

Liquid Filling Machine

Model: WLFM-17

Application
FOR FILLING MID & LARGE VOLUME OF SHAMPOO, DETERGENT, ADDITIVE, LIQUID FERTILIZER, MOTOR OIL, FABRIC SOFTNER VISCOSITY LIQUID ETC.

Specification
• OUTPUT: 4-6EA/MIN (FOR 18 LITER FILLING)
• FILLING RANGE: 10-22 LITER
• FILLING TYPE: LOAD CELL
• AIR SUPPLY: 6-5Kg/cm²
• ELEC. POWER: 220V, 1PHASE, 50/60Hz, 0.6KW
• DIMENSION(L,W,H) & WEIGHT: 2,300 x 1,000 x 1,950mm, 600 Kg

Model: WLFM

Application
FOR FILLING MID & LARGE VOLUME OF SHAMPOO, DETERGENT, ADDITIVE, LIQUID FERTILIZER, MOTOR OIL, FABRIC SOFTNER VISCOSITY LIQUID ETC.

Specification
• OUTPUT: 4-6EA/MIN (FOR 18 LITER FILLING)
• FILLING RANGE: 10-22 LITER
• FILLING TYPE: LOAD CELL
• AIR SUPPLY: 6-5Kg/cm²
• ELEC. POWER: 220V, 1PHASE, 50/60Hz, 0.6KW
• DIMENSION(L,W,H) & WEIGHT: 1,550 x 550 x 1,750mm, 350 Kg

십주, 세제류, 참가재, 액비료, 자동차오일, 섬유린스, 액체류 등의 중, 대용량 충전에 적합.

십주, 세제류, 참가재, 액비료, 자동차오일, 섬유린스, 액체류 등의 중, 대용량 충전에 적합.