EXTRUSION BLOW MOLDING AIRLESS BOTTLES

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uses plastic
70%
less than the syringe type

The lighter, reliable, and cost-competitive extrusion blow molding (EBM) Airless Bottle requires no assembly and uses 70% less plastic than the piston type.

It broadens the applications from Beauty Care to Hair Care, Household Care, and beyond. From 15 ml to 250 ml, it gives options to formulate products without preservatives or additives,

EBM airless handles products of various viscosities, an opportunity to transform commodities into organic, clean beauty.

filled

half-used

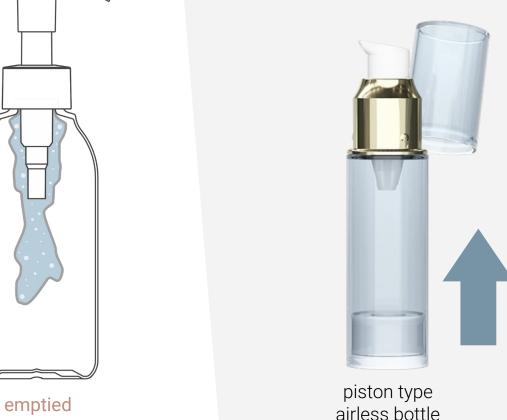
The conventional piston type airless bottle has multiple parts that require assembly and is costly, narrowing business possibilities to solely prestige projects.



EBM AIRLESS

Looks like an atmospheric pump.
Dispenses as an airless.

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Airless Differences





Multiple components:	bottle p	lug, bott	le piston, a	nd
	bottle.			

The high failure rate of drop tests due to malfunction and piston damage.

Complex component structure consumes more plastics.

Piston movement with possible mechanical failure that compromises product quality.

Protected by single-layered plastic of average packaging protection.



mechanism

Impact

resistance

plastic

usage

quality

chemical

resistance

←--







EBM Airless

The double-walled bottle design of a thin film inner layer pouch with the outer wall.

Impact-resistant 2-layer structure sustains drop test from 1 meter height.

Reduces 70% plastic usage.

Vacuum sealed inner pouch protects product and ensures less product residue.

EVOH+PP inner pouch, offers excellent chemical resistance and gas barrier.

Recyclability J

Mono-material EBM Airless Bottles

The lighter, more reliable, and cost-competitive EBM Airless Bottle has an airless PP pouch (with a less than 2% EVOH barrier) inside the rigid PP exterior wall.

It conforms to US and European packaging design regulations, entirely recyclable without disassembling.

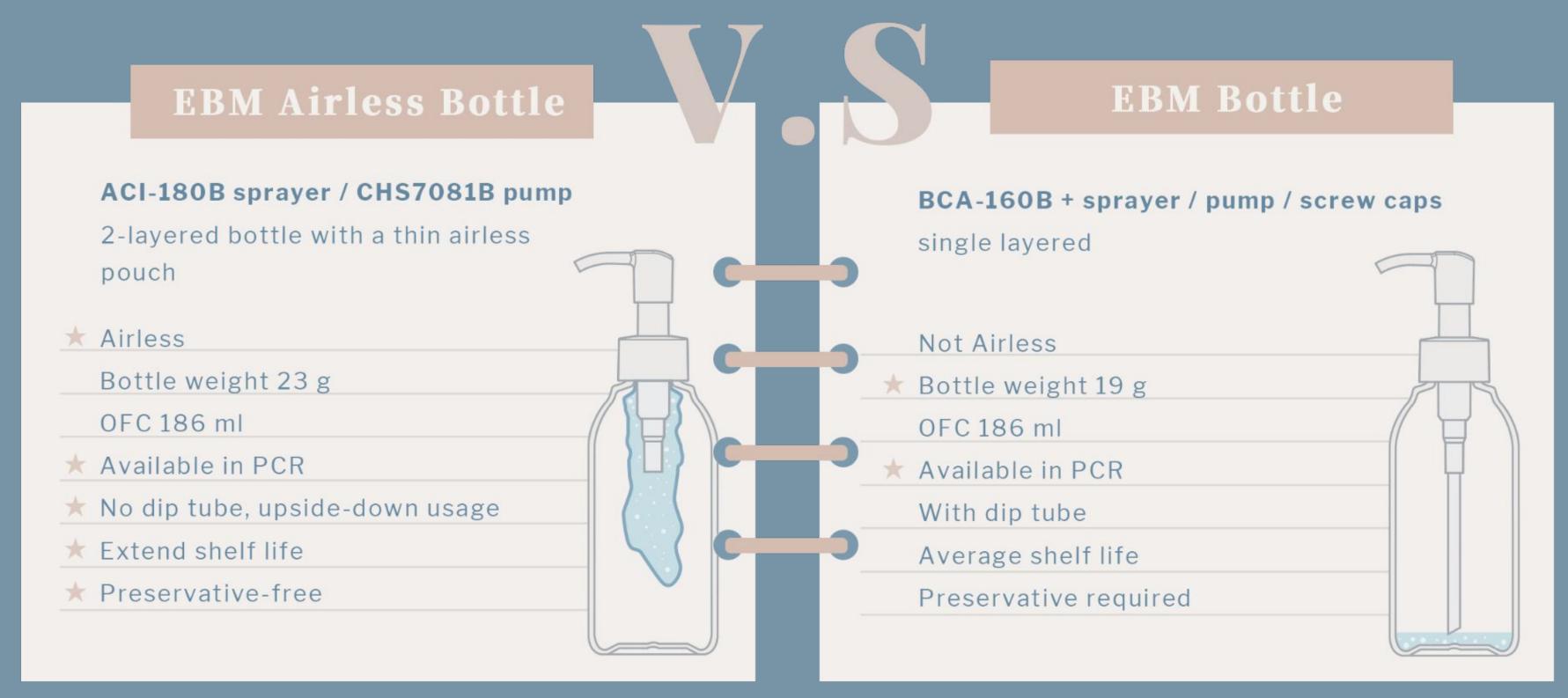
Designed and made in Taiwan, EBM Airless Bottles are available with post-consumer recycled plastics provided by local recyclers that conform to EuCertPlast and European RoHS requirements.



(For the PP pump, the spring remains metal for reliable performance.)

Extrusion blow molding bottles (EBM Airless Bottles) can be airless or atmospheric.

Both are chemically compatible and impact-resistant, with a wide range of possible geometries and decoration options.



Transform your lineup with natural and botanical ingredients without fear of air degradation

Botanical and vegan, free of preservatives, the clean beauty trends require sustainable and efficient packaging for best protection, and EBM Airless Bottles are the answer.

EBM Airless Sprayers

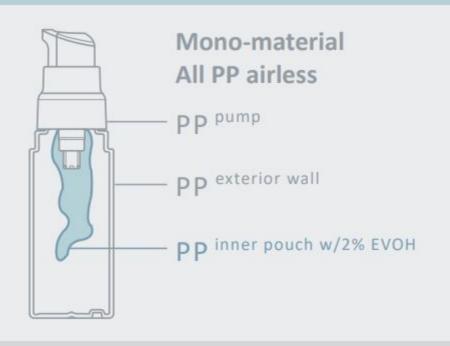
- √ Rinse-free Shampoo Spray
- √ Natural Refreshing Mist
- √ Mineral SPF 50 Sun Mist
- √ Essential Oil Body Spray Moisturizer
- √ Herbal Deodorant Spray

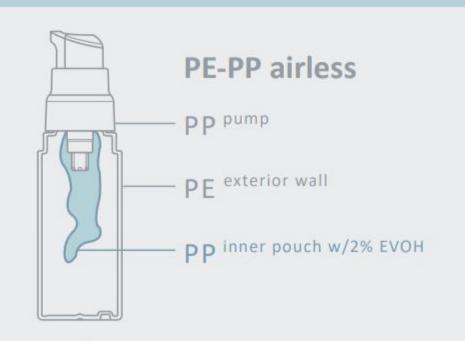


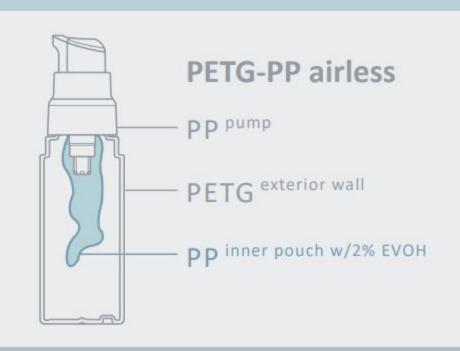
EBM Airless Pumps

- √ Organic Shampoo
- √ Plant-based Body Wash
- √ Reef-safe Sunscreen Cream
- √ Waterless hydrating Balm
- ✓ Botanical Cream Deodorant

EBM (extrusion blow molding) Airless material options







PCR Airless
opt for PCR PE & PCR PP for material option.

Protect Marine Life □ opt for recycled PE made of post-use fish nets and fishing gears.



Ref.	ACF-030	ACF-050	ACF-100	APA-050	ASA-078	APB-060	ACB-075	ACA-072	AOB-030	CHS7081B	ACI-180B	ASC-180B	ACB-180B	ACA-180B
OFC	36.7 ml	54 ml	105.5 ml	54.5 ml	82 ml	64.6 ml	77.5 ml	75.6 ml	35 ml	186.3 ml	186.7 ml	195 ml	195 ml	194 ml
DIM mm	H. 75.5 ∅ 29	H. 106 ∅ 29	H. 105 ∅ 41	H. 83 L. 30.5 W. 30.5	H. 89.9 L. 34.2 W. 34.2	H. 94.74 ∅ 33.54	H. 100 ∅ 35.5	H. 111.1 Ø 33.1	H. 120 cap incl. L.36.9 W. 20.8	H. 124.7 ∅ 50.5	H. 127.3 ∅ 50.5	H. 158 L. 41 W. 41	H. 129 Ø 50	H. 125 ∅ 50
neck size	20	20	24	20	20	20	20	20	Special thread	24/410	24/410	24/410	24/410	24/410
Wt.	9 g	12 g	19 g	11 g	13 g	12.5 g	13.5 g	15 g	8.5 g	22.5 g	23 g	23.5 g	21.6 g	22.5 g

► Refillable EBM Airless bottles

PCR airless cartridges



ASB SERIES

Ref.	H. (mm)	L. / W. (mm)	Match pack	Dosage
ASB-015	100	38x38	ACE-015B	0.23 ml
ASB-030	129.7	38x38	ACE-030B	0.23 ml
ASB-050	149.7	38x38	ACE-050B	0.23 ml

ACH SERIES

Ref.	H. (mm)	L. / W. (mm)	Match pack	Dosage
ACH-015	100.1	Ф39.9	ACE-015B	0.23 ml
ACH-030	130	Ф39.9	ACE-030B	0.23 ml
ACH-050	147	Ф39.9	ACE-050B	0.23 ml

ACG SERIES

Ref.	H. (mm)	L. / W. (mm)	Match pack	Dosage
ACG-015	101.2	Ф43.5	ACE-015B	0.23 ml
ACG-030	130	Ф48.5	ACE-030B	0.23 ml
ACG-050	154	Ф48.5	ACE-050B	0.23 ml

ACE-B SERIES

Ref.	OFC(ml)	H. (mm)	L. / W. (mm)	Wt	
ACE-015B	21.7	60	Ф27	5.7g	
ACE-030B	35.9	89	Ф27	7.9g	
ACE-050B	55.3	113	Ф29	10.5g	

ACD SERIES

R	ef.	H. (mm)	L. / W. (mm)	Match pack	Dosage
ACE)-070	118.8 (Cap)	Ф48.6	ACD-070B	1.0 ml
ACE	0-105	145.8 (Cap)	Ф48.6	ACD-105B	1.0 ml
ACE	D-150	183.1 (Cap)	Ф48.6	ACD-150B	1.0 ml

ACD-B SERIES

Ref.	OFC(mI)	H. (mm)	L. / W. (mm)	Wt
ACD-070B	81	79.9	Ф41.5	12.2g
ACD-105B	114	106.9	Ф41.5	15.5g
ACD-150B	161	143.6	Ф41.5	25g

Airless Shuttles

2-in-1, 3-in-1, 4-in-1 ultra-personalized beauty

Airless Shuttle

















AIRLESS SHUTTLE

Ref.	H. (mm)	L. / W. (mm)	Wt
CCA-060	116.2 (Cap)	Ф55.92	79g (Cap)
CCB-060	116.2 (Cap)	Ф55.92	79g (Cap)
CCC-060	110 (Cap)	Ф50.09	46.38g (Cap)

CCA-020-1 1/3 SPRAYER / CCA-020 1/3 PUMP

Ref.	OFC (ml)	H. (mm)	L. / W. (mm)	Match pack	Dosage	Wt
CCA-020-1	23.5	106.2	37.52	CCA-060	0.2 ml	15.1g
CCA-020	23.5	106.2	37.52	CCA-060	0.2 ml	15.1g

CCB-015 1/4 PUMP

Ref.	OFC (ml)	H. (mm)	L. / W. (mm)	Match pack	Dosage	Wt
CCB-015	18	106.09	29.91	CCB-060	0.2 ml	11.1g

CCC-030B ½ PUMP

Ref.	OFC (ml)	H. (mm)	L. / W. (mm)	Match pack	Dosage	Wt
CCC-030B	34	104.39	45.09	CCC-060	0.2 ml	17.4g

RePod:

Refillable Airless Jar

AMARI:

Twist-lock Airless Bottle





Ref.	OFC (ml)	H. (mm)	L. / W. (mm)	Dosage	Wt
CHS3075	58	84 (Cap)	Ф68	0.2 ml	107.5g(Cap



Unlimited clean beauty potentials, EBM AIRLESS BOTTLES.









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