



**Eco Airless Bottle
PCR Airless Bottle
and the refillable solutions**

Taiwan Patent I658970
United States Patent 10882240
China Patent CN110817053A

Making customers' products stand out from the crowd is SRP's primary goal.

CUSTOM MADE AND CLIENT FOCUSED

Headquartered in Taiwan, **SR Packaging** has advanced production sites in Taiwan and China, as well as branch offices in Japan and the United States, designs and produces premium packaging solutions include: pumps, tubes, ABL tubes, bottles, and jars, offers post-consumer recycled resin as a customizable material option for all components.



Recognized by
International Brands

REVLON

**CRABTREE
& EVELYN[®]**
L O N D O N

NARS

**MECCA
COSMETICA**

MARCELLE[®]

HUNTER[®]

eos[®]
evolution of smooth[™]

PINK
VICTORIAN SECRET

kinetix
professional nail systems

laura mercier

Boots

ECOCOCO
ESSENCE OF COCONUT OIL

70% Plastic Reduced

Lower Ecological Impact

Customizable Possibilities

When airless packaging came out some years ago, it became all the rage in the beauty and personal care sectors. Airless packaging offers excellent evacuation, perfect dosing, and a stylish presentation, as well as many other benefits.

Eco Airless Bottle can lower ecological impact by reducing plastic use up to 70%. Eco-Airless bottles are not limited to cylindrical shapes - **all sorts of irregular polygonal shapes can be achieved.**



Known Syringe airless bottle is limited to cylindrical shape

SUSTAINABLE AIRLESS PACKAGING

Eco Airless Bottle



Exterior bottle

+



Inner Pouch

=



Eco Airless

The bottles are equipped with two plastic layers: a tough and resistant exterior bottle and a highly compatible inner pouch.

As the product is dispensed and pressure sets in, this inner pouch contracts and separates evenly from the exterior bottle wall.

With SRP's advanced dispensing pump solution, consumers are able to enjoy the experience of product dispensing at any angle, even upside-down.

Eco Airless Bottle V.S *Syringe Airless Bottle*

Key Features	Eco Airless Bottle	Syringe Airless Bottle
Shape Design	Irregular polygonal shape, not limit to cylindrical	Limited to cylindrical shape due to leakage concern
Packaging Volume	Customizable from 15 ml to 200ml	Limited size range
Component Complexity	Double-walled design: inner pouch with outer bottle	Multiple component: bottle-plug, bottle piston, and bottle
Impact Resistance	Impact-resistant 2-layer structure sustains 1 meter drop test.	High failure rate of drop test, results mechanism malfunction and piston mechanism damage
Plastic Consumption	70% of plastic reduced	Complex component structure consumes more plastic
Functional Mechanism	100% vacuum sealed inner pouch protects product, and ensures less product residue	Piston movement with possible mechanism failure that compromises product quality
Material Properties	EVOH+PP inner pouch, offers excellent chemical resistance and gas barrier.	Protected by single-layered plastic of average packaging protection
Production Cost	Cuts down 30~50% cost contributed by simplified process and less material used	Costly production that requires multiple component assembly and more material.

Greener Better Safer



Highly compatible
with chemicals



Customizable tooling
possibility

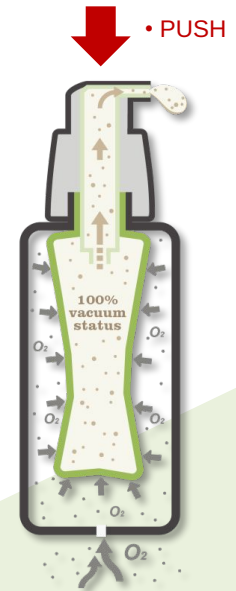


Less Product Residue
after Usage



- ✓ 100% Vacuum Sealed.
- ✓ No Preservatives Required.
- ✓ Reliable and Accurate dosage.
- ✓ Instant re-prime during repeated usage.

Consumers are able to use the toxin-free product till the last drop, experience excellent product dispensing at any angle, even upside-down.



Standalone Eco / PCR airless bottles

Eco Airless Bottle	Volume	Height	W. L. / Diameter	Height with overcap
ACC-030 Cylindrical	38.0 ml	75.3 mm	29.5 mm	102.38 mm
APA-050 Diamond-shaped	54.5 ml	83.0 mm	30.5 mm X 30.5 mm	111.28 mm
APB-060 Polygonal	64.6 ml	94.7 mm	33.54 mm	123.02 mm
ASA-078 Square	82.0 ml	89.9 mm	34.2 mm X 34.2 mm	118.18 mm
ACB-075 Boston round	77.5 ml	100.0 mm	35.5 mm	128.28 mm
ACA-072 Cylindrical	75.6 ml	111.1 mm	33.1 mm	139.38 mm
AOB-030 Flat Tottle	35.0 ml	92.8 mm	36.9 X 20.8 mm	120 mm
AMARI Twist-lock Dispenser	113ml	79.6mm	47 mm	Twist-open Dispensing Pump, no overcap
CHS7081B Cylindrical	180 ml	125.0 mm	50.5 mm	1 cc Dispensing Pump, no overcap
ACI-180B Cylindrical	180 ml	127.3 mm	50.5 mm	0.2 cc Sprayer



ACC-030
Cylindrical
Bottle



APA-050
Diamond
Bottle



APB-060
Polygonal
Bottle



ASA-078
Square
Bottle



ACB-075
Boston round
Bottle



ACA-072
Cylindrical
Bottle



AOB-030
Oval
Tottle



AMARI
Twist-lock
Dispenser



CHS7081B
Cylindrical bottle
1 cc airless pump



ACI-180B
Cylindrical bottle
0.2 cc airless prayer

Refillable PCR Airless Bottles and the match of reusable packs



SHAPE

ACG
SERIES
ROUND

ACH
SERIES
ROUND

ASB
SERIES
SQUARE

ACD
SERIES
ROUND

The refillable solution enables Brands to claim sustainability instantly and effortlessly.

Without changing the authentication of the packaging, simply by replacing the syringe-type inner bottle of a traditional airless packaging with SRP's **PCR airless bottle**.

Refillable PCR Airless Bottle	Volume (OFC)	Dimension of PCR Airless Bottle	Reusable Pack (external shell)	Dimension of Reusable Pack	Material of Reusable Pack
ACE-015B	21.7 ml	H. 60 mm Dia. 27 mm	ACG-015 Curvy	H. 101 mm Dia. 43.5 mm	PMMA
			ACH-015 Cylindrical	H. 100 mm Dia. 39.5 mm	SAN
			ASB-015 Square	H. 99.7 mm L. 38 mm, W. 38 mm	PMMA
ACE-030B	35.9 ml	H. 89 mm Dia. 27 mm	ACG-030 Curvy	H. 131 mm Dia. 48.5 mm	PMMA
			ACH-030 Cylindrical	H. 130 mm Dia. 39.5 mm	SAN
			ASB-030 Square	H. 129.7 mm L. 38 mm, W. 38 mm	PMMA
ACE-050B	55.3 ml	H. 113 mm Dia. 29 mm	ACG-050 Curvy	H. 154 mm Dia. 48.5 mm	PMMA
			ACH-050 Cylindrical	H. 147 mm Dia. 39.5 mm	SAN
			ASB-050 Square	H. 149.7 mm L. 38 mm, W. 38 mm	PMMA
ACD-070B	81.0 ml	H. 79.5 mm Dia. 41.5 mm	ACD-070 Cylindrical	H. 118.8 mm Dia. 48.6 mm	SAN
ACD-105B	114.0 ml	H. 106.5 mm Dia. 41.5 mm	ACD-105 Cylindrical	H. 145.8 mm Dia. 48.6 mm	SAN
ACD-150B	161.0 ml	H. 143.6 mm Dia. 41.5 mm	ACD-150 Cylindrical	H. 183.1 mm Dia. 48.6 mm	SAN

Refillable PCR Airless Bottle and the match of reusable packs

PCR Airless Bottle is made of PCR PE and EVOH+PP (inner pouch).

Brands can claim up to 70% use of **Post Consumer Recycled material**. SRP carries a wide range of stock bottles in different sizes.

No tooling is needed. SRP provides samples in 1 week, and production delivery lead-time in 6 weeks.



**ASB-050Z
Opener**

With the help of the exclusive opener, consumers will experience the most convenient refillable skincare solution.

Eco Airless Bottle, PCR Airless Bottle, and the refillable solution

Make your brand sustainable

Launched in
2018

Eco Airless Bottle

PETG and
EVOH+PP inner pouch

✓ Cuts down 30~50% cost



Launched in
2019

PCR Airless Bottle

PCR PE and
EVOH+PP inner pouch

✓ Cuts down 30~50% cost

✓ Uses 70% PCR material



Launched in
2020

Refillable Solution

PCR PE and
EVOH+PP inner pouch

✓ Cuts down 30~50% cost

✓ Uses 70% PCR material

✓ Fits in your current airless
packaging to replace syringe-type
airless bottle





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More developments about **ECO Airless Bottle** are on the way, please stay connected with SR Packaging.

15.JUN.2020, material updated
29.JUL.2020, TW patent updated
04.MAR.2021, US patent updated
28.JUN.2021, CN patent updated, 24/410 airless sprayer and new closures added.