

SR^{PACKAGING} ECO Airless

Airless technology patented in Taiwan, USA, and China
TW I658970. US 10882240. CN110817 053A



infinite
design
possibilities

what is ECO Airless?

why use ECO Airless?

how ECO Airless works?

select ECO Airless

ECO Airless Sprayer, Pump

Refillable PCR Airless

AMARI | RePod

Airless Shuttle

from airless to **ECO Airless**

WHAT is ECO Airless?



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.

skincare benefits from airless packaging:

- ✓ Protects sensitive ingredients that are essential for preservative-free natural skincare cream, serum, foundation formulae.
- ✓ Vacuum-sealed airless protection prevents products from excessive air exposure
- ✓ Extends 15% of shelf life time span

ECO Airless Inherits all the airless benefits, and...

**infinite
design
possibilities**

- ✓ Reduces 70% plastic usage
- ✓ Diversified design possibilities



ECO Airless is equipped with two plastic layers: a tough and resistant exterior wall and a highly compatible inner film that forms a 100% vacuum-sealed pouch.

As the product is dispensed and pressure sets in, this inner pouch contracts and separate evenly from the exterior wall. With an airless pump or airless sprayer, consumers are able to enjoy the experience of product dispensing at any angle, even upside-down.

Eco Airless uses the minimum amount of plastic required and offers a truly eco-sensitive airless package. It is an updated and greener option that replaces bulky, multi-component airless packaging. It also eliminates the costly production process needed to create syringe airless bottles.

From airless to **ECO Airless**, change for the better.



airless, syringe-type



Customizable
Bottle Shape



Chemical
Resistant



Less Product
Residue



Eco Airless

Multiple component: bottle-plug, bottle piston, and bottle



mechanism



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

The high failure rate of drop test, results in malfunction and piston damage.



Impact
resistance



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

Complex component structure consumes more plastic



plastic
usage



Reduces 70% plastic usage

Piston movement with possible mechanism failure that compromises product quality



quality



100% vacuum sealed inner pouch protects product, and ensures less product residue

Protected by single-layered plastic of average packaging protection



chemical
resistance



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

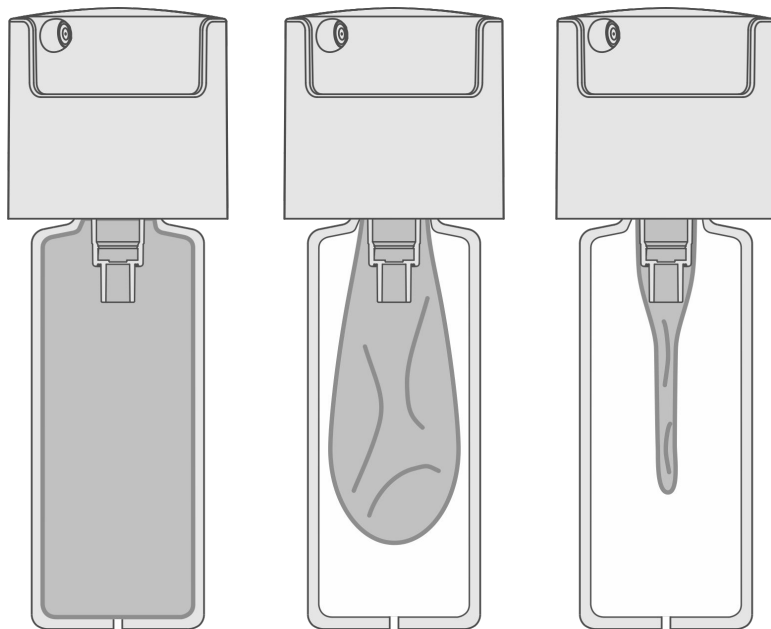
HOW ECO Airless works?

◀ how it works

. phase 1 filled: The contract manufacturer fills the bottle over the pump engine.

. phase 2 half-used: The consumer uses the product and dispenses content via a sprayer or a pump. As the pressure sets in, this inner pouch contracts and separates evenly from the exterior bottle wall.

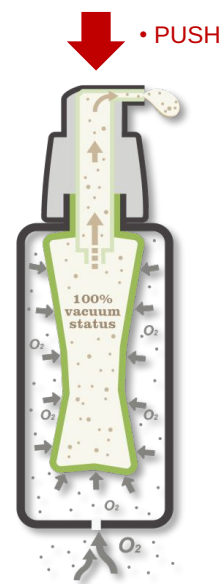
. phase 3 emptied: It leaves almost nothing behind after use.



. phase 1
filled

. phase 2
half-used

. phase 3
emptied

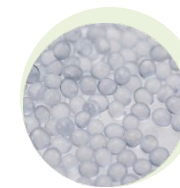


Ocean-friendly dip-tube free dispensing with the pressurized airless pouch



exterior wall

+



Inner Pouch
thickness
0.12 ~ 0.16 mm

=



Eco Airless

Summarizing **ECO Airless Benefits**

- ✓ 100% Vacuum Sealed.
- ✓ No Preservatives Required.
- ✓ Reliable and Accurate dosage.
- ✓ Instant re-prime during repeated usage
- ✓ Less product residue
- ✓ Dispense at any angel, even upside-down





ECO Airless

2018

PETG exterior wall
EVOH+PP inner pouch

PE exterior wall
EVOH+PP inner pouch



PCR Airless

2019

PCR PE exterior wall
EVOH+PP inner pouch

✓ 75% Post-consumer
recycled resin



Refillable PCR Airless

2020

PCR PE exterior wall
EVOH+PP inner pouch

✓ 75% Post-consumer recycled
resin
✓ fits with existing skincare line



OWP75 Airless

2021

OWP PE exterior wall
EVOH+PP inner pouch

✓ 75% Ocean Waste Plastic

recycled materials explained



Post-consumer recycled resin



Ocean Waste Plastic Packaging

Creativity. Versatility. Sustainability

Closure Options



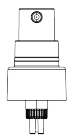
Overcap



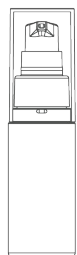
Semi-overcap



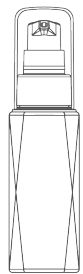
CHS7071L2
PP airless pump
output 0.2 cc
O.D. 24 mm



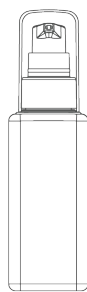
CHS7071S
PP airless sprayer
output 0.2 cc
O.D. 24 mm



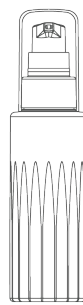
ACC-030
MARU
OFC 38 ml
H. 75.3 mm
Dia. 29 mm
Weight 9 g



APA-050
DIAMOND
OFC 54.5 ml
H. 83 mm
L. 30.5 mm
W. 30.5 mm
Weight 11 g



ASA-078
KAKU
OFC 82 ml
H. 89.9 mm
L. 34.2 mm
W. 34.2 mm
Weight 13 g



APB-060
POLYGON
OFC 64.6 ml
H. 94.7 mm
Dia. 33.54 mm
Weight 12.5 g



ACB-075
AMPLE
OFC 77.5 ml
H. 100 mm
Dia. 35.5 mm
Weight 13.5 g



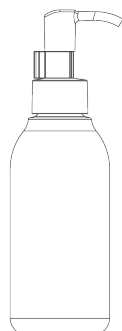
ACA-072
ALPINE
OFC 75.6 ml
H. 111.1 mm
Dia. 33.1 mm
Weight 13.5 g



ECO Airless Sprayer, Pump



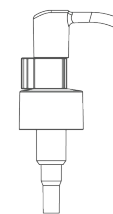
AOB-030
TOTTLE
OFC 35 ml
H. 120 mm
W. 36.9 mm
L. 20.8 mm
Weight 8.5 g



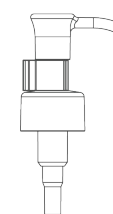
CHS7081B
BURLY pump
OFC 185 ml
H. 124.5 mm
Dia. 50.5 mm
Weight 22.5 g
Neck size 24/410



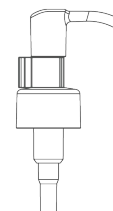
more BURLY pump options



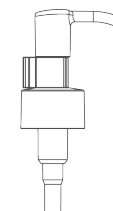
CHS7003LA-0
PP airless pump
output 0.2 cc
O.D. 28 mm
Neck size 24/410



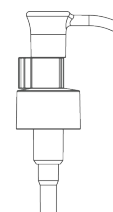
CHS7003LA-3
PP airless pump
output 0.2 cc
O.D. 28 mm
Neck size 24/410



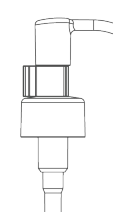
CHS7003LA-1
PP airless pump
output 0.2 cc
O.D. 28 mm
Neck size 24/410



CHS7003LA-4
PP airless pump
output 0.2 cc
O.D. 28 mm
Neck size 24/410



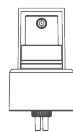
CHS7003LA-2
PP airless pump
output 0.2 cc
O.D. 28 mm
necksize 24/410



CHS7003LA-5
PP airless pump
output 0.2 cc
O.D. 28 mm
necksize 24/410



ACI-180B
BURLY sprayer
OFC 186.7 ml
H. 127.3 mm
Dia. 50.5 mm
Weight 23 g
Neck size 24/410



CHS7093SA
PP airless sprayer
output 0.2 cc
O.D. 28 mm
Neck size 24/410



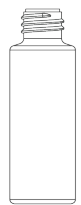
claim **sustainability** instantly, 4 collections, 6 sizes, fit with any existing product

Refillable PCR Airless

ACE-050AG
18/415
PP screw cap



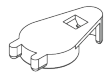
ACE-015B
ECO Airless
OFC 21.7 ml
H. 60 mm
Dia. 27 mm
18/415



ACE-030B
ECO Airless
OFC 35.9 ml
H. 89 mm
Dia. 27 mm
18/415



ACE-050B
ECO Airless
OFC 55.3 ml
H. 113 mm
Dia. 29 mm
18/415



ASB-050Z
Closure opener
PP

ACG series,
the curvy cylindrical style



ACG-015
PMMA shell, PP pump
H. 101 mm
Dia. 43.5 mm
ECO refill ACE-015B



ACG-030
PMMA shell, PP pump
H. 131 mm
Dia. 48.5 mm
ECO refill ACE-030B



ACG-050
PMMA shell, PP pump
H. 154 mm
Dia. 48.5 mm
ECO refill ACE-050B

ACG



ACH series,
the straight-lined cylindrical style



ACH-015
SAN shell, PP pump
H. 100 mm
Dia. 39.5 mm
ECO refill ACE-015B



ACH-030
SAN shell, PP pump
H. 130 mm
Dia. 39.5 mm
ECO refill ACE-030B



ACH-050
SAN shell, PP pump
H. 147 mm
Dia. 39.5 mm
ECO refill ACE-050B

ACH



ASB series
the square style



ASB-015
PMMA shell, PP pump
H. 118.8 mm
L. 38 mm, W. 38 mm
ECO refill ACE-015B



ASB-030
PMMA shell, PP pump
H. 129.7 mm
L. 38 mm, W. 38 mm
ECO refill ACE-030B



ASB-050
PMMA shell, PP pump
H. 149.7 mm
L. 38 mm, W. 38 mm
ECO refill ACE-050B

ASB



Refillable PCR Airless helps brands upgrade the current skincare line, transform old-fashioned airless to the new ECO design, and boost green contribution with the minimum change.

ECO Airless offers a substantial opportunity for companies to step towards the sustainable scheme, and all it needs now is a refined finish for a successful brand launch.



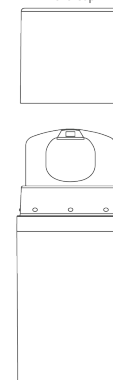
ACD



Use 3D studio to
customize ACG, ACH,
ASB series

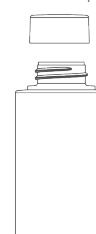
customize ACD series

PP overcap



ACD-070
SAN shell, PP pump
H. 118.8 mm
Dia. 48.6 mm
ECO refill ACD-070B

ACD-150AG
PP screw cap



ACD-070B
ECO Airless
OFC 81 ml
H. 79.5 mm
Dia. 41.5 mm
Weight 12.2 g



ACD-105
SAN shell, PP pump
H. 145.8 mm
Dia. 48.6 mm
ECO refill ACD-105B



ACD-105B
ECO Airless
OFC 114 ml
H. 106.5 mm
Dia. 41.5 mm
Weight 15.5 g



ACD-150
SAN shell, PP pump
H. 183.1 mm
Dia. 48.6 mm
ECO refill ACD-150B



ACD-150B
ECO Airless
OFC 161 ml
H. 143.6 mm
Dia. 41.5 mm
Weight 25 g

Twist-lock refillable PCR Airless Bottle

AMARI is the minimalist, streamlined style Eco Airless Bottle featuring a sleek dispensing airless pump of an on-off twist lock. The refillable design enables users to replace the emptied bottle with a new filled one, green merchandise with an appealing packaging design.

It is built for gender-neutral skincare solutions as the beauty trend has slowly shifted beyond gender differentiation.

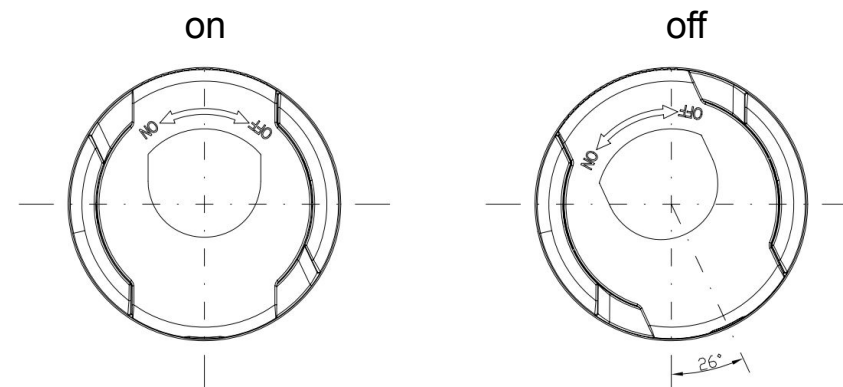
More and more companies are providing personal care solutions both for men and women based on specific skin conditions.

As of today for many, improving self-esteem by using beauty products is no longer a privilege but a daily routine.



AMARI CHS7084L-2	ECO Airless Bottle for refills CHS7084B	
H. 116.2 mm Dia. 47.2 mm Output 0.2 ml	H. 80.5 mm, Dia. 39.5 mm OFC 76 ml Weight: 11.4 g	HDPE exterior wall ↖ or 75% PCR PE ↖ or 75% OWP PE EVOH+PP inner pouch

Top-down view of the **on-off twist lock airless pump**

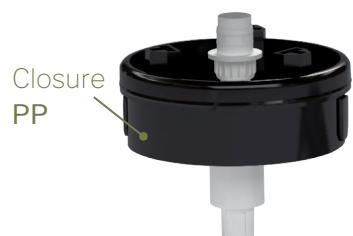


refillable ECO Airless **JAR**

The ECO Airless evolves from bottle to jar. It is a stylish change for the clean beauty and non-toxic skincare sector, and all components are separable for easier refilling or post-consumer recycling.

Inheriting all the ECO Airless benefits, the new refillable ECO Airless Jar - **RePod** offers a better and efficient way for daily usage, refills, and recycling.

The listed PP and PET parts can all be PCR material.



exploded view



open view



close view

Find the sustainable potentials

The Jar itself is SRP's patented ECO Airless technology that benefits from the two-wall structure.

A thin inner film as a 100% vacuum-sealed pouch protects the delicate product and active ingredient.

A sturdy impact-resistant wall can be 75% post-consumer recycled resin or recycled ocean waste plastic.



ECO Airless Jar for refills
CHS3075B

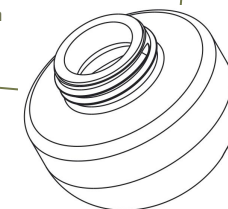
H. 45 mm Dia. 56 mm
OFC 66 ml $\pm$ 2 ml
Weight: 9.5 g

HDPE exterior wall

↗ or 75% PCR PE

↗ or 75% OWP PE

EVOH+PP inner pouch



RePod
CHS3075

H. 84 mm, Dia. 68 mm

Airless pump output 0.2 cc

PP cap, actuator, closure, collar

PET Case

ECO Airless Jar

Personalized Beauty Experience

Airless Shuttle

two designs share one
reusable shell

CCA-060

cap & base **PETG**

collar **aluminium**

H. **115.7 mm**

Dia. **55.98 mm**

Perfect Tone Skin Care **Airless Shuttle 4s**

- * **4** customizable airless cartridges
- * airless pumps



H. **106.2 mm**
W. **29.91 mm**
OFC **18 ml**

3-step Skin Care **Airless Shuttle**

- * **3** customizable airless cartridges
- * airless pumps & sprayers



H. **106.2 mm**
W. **37.52 mm**
OFC **23.5 ml**



Use 3D studio to
customize Airless Shuttle

from airless to **ECO Airless**

Taichung
Shanghai
New Jersey
Tokyo

Get project-driven packaging design.
sales@srpackaging.com
Keep an eye on the latest packaging trend.
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