Airless 2015 - 2016
-Packaging Solutions-
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CERTIFICATIONS
Lumson Headquarter and both its manufacturing sites in Capergnanica (CR) and in S.Maria di Sala (VE) are certified UNI EN ISO 9001:2008.
Lumson Headquarter and the manufacturing site in Capergnanica (CR) are certified UNI EN ISO 14001.

RESEARCH & DEVELOPMENT
Lumson Design Team creates new packaging collections according to the latest Design and Fashion trends or to the rising market needs.

Lumson Technical Dept. develops the ideas using the latest technologies and a high level of innovation.

Lumson Validation Dept. checks, tests and validates every single item, to ensure they are made and manufactured according to Lumson’s standards.

MANUFACTURING
Lumson uses the latest technologies and advanced machinery to create a perfect manufacturing process.

MANUFACTURING LINES (IN HOUSE)

QUALITY CONTROL
All production processes are continuously monitored by Lumson Q. C. Dept. to verify they meet Lumson’s quality standards.

Bottles & Jars
Airless with Glass bottles, Airless with Plastic bottles, Plastic bottles, Glass bottles, Glass jars.

AIRLESS & DISPENSING SYSTEMS
Pouch Airless Systems, Piston Airless Systems, Cosmetic Pumps, Cosmetic dispensers, Droppers, Dispensing caps, Flip tops

ACCESSORIES
Covers, Overcaps, Screw caps, High Sealing Gaskets.

DECORATIONS
Screen printing, Tampo printing, Hot stamping, Water based spray coloring, UV spray coloring, UV Metallization, Traditional Metallization, Special unique decorations, Photoengraving relief on Plastic Bottles.
TAG: Techno Airless Glass

TAG System is the first and only Airless System in the world with a Glass Bottle. A revolutionary cosmetic packaging product designed, patented and manufactured by Lumson. A System that combines the beauty, the preciousness and the luxury of a glass bottle with all the technical and functional advantages of an Airless Dispensing System. TAG System is now available in 3 different Designs/Shapes.
**Paragraph 1**

**AVAILABLE IN 3 DIFFERENT DESIGNS/SHAPES**

> TAG 355: a cylindrical glass bottle with a flush pump ad overcap.

> TAG LUXEA: a new original design made of a semi spherical shape spaced out by two flat surfaces, with extra thick base to enhance the beauty of the glass, and with a specific pump and overcap.

> TAG DE LUXE: a high-end cylindrical glass bottle specifically designed with extra thick base to enhance the beauty of the glass and with a flush pump ad overcap.

**AIRLESS GLASS BOTTLES**

> Delivered with an already shaped thin collapsible “pouch” inside.

> Delivered with our “Eco-Lock-System” that allows:
  - Total product protection while use
  - 100% recyclability after using

**AIRLESS PUMPS**

> Dosages: 250 mcl

> Easy and fast “Snap On” assembling

**AVAILABLE WITH DIFFERENT TYPE OF POUCHES**

The system is available with different kind of pouches that can be manufactured according to client’s formula to supply a standard or an extra barrier protection and for maximum compatibility.

**TAG SYSTEMS: RESPONSIBLE RECYCLING PACKAGING**

After use, the final consumer can easily separate the glass bottle from the plastic components for a more responsible recycling process of the two separated materials.

**“GLASS ENHANCER”: A SPECIAL UNIQUE DECORATION**

Lumson designed and developed a special decoration only for its TAG systems.

The “GLASS ENHANCER” consists of a spray colouring on the inside of the glass bottle to enhance the beauty of glass by showing the clear and thick base of the bottle.

This creates unique and innovative visual effects (also available with pearled and metallized colours).

**10 GOOD REASONS TO CHOOSE A TAG SYSTEM:**

> The functional and technical advantages of an Airless System with the beauty of a Glass Bottle.

> Airless System to protect sensible ingredients and to reduce usage of preservatives.

> Available with different pouches for a standard or an extra barrier protection.

> “Tamper-Proof” Airless System to protect your formula.

> Very low product residue after total dispensing (>95% restitution rate).

> Functions perfectly with different formulas: including high-density products.

> Easy and fast top filling (No Special Tooling needed)

> Highly customizable with special innovative, and unique decorations.

> Available with Single or Multilayer pouch.

> Eco and “Responsible Recycling” features.

> “Attestation of Conformity” by Ecocert Greenlife.

**4 SIMPLE STEPS TO SEPARATE GLASS FROM PLASTIC**

1. **Step 1: Unscrew**
2. **Step 2: Pull**
3. **Step 3: Separate**
4. **Step 4: Recycle**

**A LOGO TO INFORM CONSUMERS**

In order to promote TAG’s after usage recycling features, Lumson has designed, developed, and patented a special logo that can be used by its customers (free of charge) to inform final users about the possibility to separate the glass bottle from plastic components, for a more responsible recycling process.
Techno Airless Glass

TAG 355

Sizes: 15 ml - 30 ml - 50 ml

Materials:
- Bottle: Glass
- Eco-lock collar: PP
- Pouch: PE special compound
- Single or Multilayer

PUMP SMART
AIRLESS AA355

Material: PP
Dosage: 250 ml

Available Actuators:
- Smile 223 in PP
- Pearl 223 in Copolyester

OVERCAP AA355

Materials: PP
- PP CLEAR
- SAN

Finishing: PP Shiny
- SAN Shiny
  or Matt
Techno Airless Glass

**TAG De Luxe**

**Sizes:** 15 ml - 30 ml - 50 ml

**Materials:**
- Bottle: Glass
- Eco-lock collar: PP
- Pouch: PE special compound
  - Single or Multilayer

**PUMP SMART AIRLESS AA355**
- Material: PP
- Dosage: 250 mcl

**Available Actuators:**
- Smile 223 in PP
- Pearl 223 in Copolyester

**OVERCAP AA355**
- Materials: PP
  - PP CLEAR
  - SAN
- Finishing: PP Shiny
  - SAN Shiny
  - or Matt
**Techno Airless Glass**

**TAG Luxea**

**Sizes:** 30 ml - 50 ml  
**Materials:**  
Bottle: Glass  
Eco-lock collar: PP  
Pouch: PE special compound

**PUMP SMART**  
**AIRLESS TAG LUXEA**  
**Material:** PP  
**Dosage:** 250 mcl

**Available Actuators:**  
Smile 223 in PP  
Pearl 223 in Copolyester

**OVERCAP**  
**LUXEA 336**  
**Material:** SAN
APP: Airless Plastic Packaging

APP Airless Plastic Packaging is a new Airless system entirely designed, developed, manufactured, and decorated in Italy by Lumson. The system utilizes the highly reliable “Airless Pouch Technology” already tested on the market, with a “Bright and Thick” cylindrical plastic bottle. Now also available with a new design: APP355 S.
DIFFERENT SHAPES/DESIGNS CAN BE DEVELOPED
APP’s plastic bottle can be easily customized with different shapes as Lumson’s Airless Pouch Technology can be applied to any kind of bottle design.

3 SIZES TO CHOOSE FROM
Available in three sizes: 15, 30 and 50 ml, APP is the perfect choice for skin care formulas or make-up liquid foundations and primers.

AVAILABLE WITH DIFFERENT TYPE OF POUCHES
Pouches can be manufactured according to client’s formula to supply a standard or an extra barrier protection and for maximum compatibility.

PROTECTION FOR SPECIAL ADVANCED FORMULAS
New innovative and improved formulations need to maintain stability of specific ingredients. APP Airless Plastic Packaging helps to preserve sensitive cosmetic ingredients, such as vitamin C, Retinol, etc., from deteriorating.

REDUCTION OF PRESERVATIVES
The market is concerned about reducing preservatives. With the use of Lumson’s Airless Systems, exterior air contamination is eliminated, and a sensible reduction of preservatives may be possible.

A WIDE RANGE OF DECORATION OPTIONS
APP Airless Plastic Packaging is highly customizable with a wide range of colours and decorations.

APP: RESPONSIBLE RECYCLING PACKAGING
After use, the final consumer can easily separate the clean plastic bottle from the pouch that contained the product and dispensing components. These two elements may then be disposed separately, each one in its proper recycling chain.

VERY LITTLE PRODUCT RESIDUE
Final consumers are very sensitive about residual product left in the pack. APP guarantees a dispense rate of more than 95%, so your clients may get the entire product they have paid for.

HIGH DENSITY FORMULATIONS
APP Airless Plastic Packaging can distribute almost any type of cosmetic formula: from low to very high density products.

PRODUCT PROTECTION
“Tamper-Proof” Airless Systems like APP give your product maximum protection against contamination from external sources.

10 GOOD REASONS TO CHOOSE APP AIRLESS PLASTIC PACKAGING:

> Utilizes the highly reliable “Airless Pouch Technology” by Lumson.
> Bottle designs can be easily developed in different shapes/profiles.
> Ensures a very low product residue after total dispensing (>95% restitution rate).
> Available with different pouches for a standard or an extra barrier protection.
> Helps to protect sensible ingredients from deteriorating and may allow reducing the use of preservatives.
> “Tamper-Proof” Airless to help protecting your formula from external contamination.
> Functions perfectly with different formulas, including high-density products.
> Easy and fast to fill from the top (No Special Tooling needed)
> Highly customizable with a wide range of colours and decorations.
> Strong Eco attitude and “Responsible Recycling” features.

A LOGO TO INFORM CONSUMERS
In order to promote APP’s after usage recycling feature, Lumson has designed, developed, and patented a special logo that can be used by its customers (free of charge) to inform final users about the possibility to separate the clean plastic container, for a more responsible recycling process.

4 SIMPLE STEPS TO SEPARATE THE TWO ELEMENTS
Airless Plastic Packaging

**APP 355**

**APP 355**
Sizes: 30 ml - 50 ml

**APP 355 MAXI**
Sizes: 15 ml - 30 ml

Materials:
- Bottle: PETG
- Eco-lock collar: PP
- Pouch: PE special compound
- Single or Multilayer

**PUMP SMART AIRLESS AA355**
Neck: Special APP Snap-on
Collar material: PP
Dosage: 250 ml

Available Actuators:
- Smile 223 in PP
- Pearl 223 in Copolyester

**OVERCAP AA355**
Materials: PP
- PP CLEAR
- SAN
Finishing: PP Shiny
- SAN Shiny
or Matt
Airless Plastic Packaging

**APP 355S**

**Sizes:** 15 ml - 30 ml - 50 ml

**Materials:**
- Bottle: PETG
- Eco-lock collar: PP
- Pouch: PE special compound
  - Single or Multilayer

**PUMP SMART AIRLESS AA355S**
- Neck: Special APP Snap-on
- Material: PETG
- Dosage: 250 ml

**Available Actuator:**
- Pearl 223 in Copolyester

**OVERCAP AA355**
- Materials: PP
  - PP CLEAR
  - SAN
- Finishing: PP Shiny
  - SAN Shiny or Matt
Airless Plastic Packaging

APP P-COLOORS

Sizes: 30 ml - 50 ml
Materials:
- Bottle: PETG
- Eco-lock collar: PP
- Pouch: PE special compound
- Single or Multilayer

PUMP SMART
AIRLESS AA355
Neck: Special APP Snap-on
Collar material: PP
Dosage: 250 mcl

Available Actuators:
- Smile 223 in PP
- Pearl 223 in Copolyester

OVERCAP AA355
Materials:
- PP
- PP CLEAR
- SAN
Finishing:
- PP Shiny
- SAN Shiny
- or Matt
Airless Plastic Packaging

**APP 355 START**

**Sizes:** 30 ml - 50 ml

**Materials:**
- Bottle: PE
- Pouch: PE special compound
  - Single or Multilayer

**PUMP SMART AIRLESS AA355**
- Neck: Special APP Snap-on
- Material: PP
- Dosage: 250 mcl

**Available Actuator:**
- Smile 223 in PP

**OVERCAP AA355**
- Materials: PP
- Finishing: Shiny
Airless Plastic Packaging

**APP 355 TOUCH**

Sizes: **30 ml - 50 ml**

Materials:
- Bottle: PE Soft Touch
- Pouch: PE special compound
- Single or Multilayer

**PUMP SMART AIRLESS AA355**

- Neck: Special APP Snap-on
- Material: PP
- Dosage: 250 ml

Available Actuators:
- Smile 223 in PP
- Pearl 223 in Copolyester

**OVERCAP AA355**

- Materials: PP
- PP CLEAR
- SAN
- Finishing: PP Shiny
- SAN Shiny or Matt
Piston & Valve Airless Systems
Piston Airless System

Airless Stylo

WITH PUMP’S ENGINE
PATENTED BY LUMSON

SIZES: 7.5 ml - 10 ml - 15 ml
Neck: Special Snap-on

Materials:
- Bottle / Tube = PP
- Plug = PP
- Piston = PE

SPECIFIC ACCESSORY:
AIRLESS PUMP
PURITY STYLO
(Using Lumson’s Purity patented engine)
Neck: Snap-on

Materials:
- Collar: PP
- Finishing: Shiny

Available Actuators:
- Actuator “TENDRIL”
- Actuator “BEC”

Material: PP

OVERCAPS
FOR ACTUATORS
BEC OR TENDRIL
Material: PP
Finishing: Shiny
**Shapes of Beauty**

**Piston Airless System**

**One o One**

**Size:** 30 ml  
**Materials:**  
Bottle: PP  
(available in Shiny and Matt finishing)  
Piston: PE

**SPECIFIC ACCESSORY:**  
PUMP AIRLESS PURITY ONE o ONE  
(Using Lumson’s Purity patented engine)

NO METAL COMPONENTS  
IN TOUCH WITH THE FORMULA  
Neck: Snap-on  
Pump Dosage: 230 mcl  
Material: PP  
Finishing: Shiny

**OVERCAP ONE o ONE:**  
Material:  
NAS (styrene acrylic clear copolymer)  
Finishing: Shiny
Valve Airless System

Airless Tubes

AIRLESS TUBES Ø 22
Sizes:
15 ml (Height 72 mm)
30 ml (Height 111 mm)
Material: Multilayer
Accessory:
Screw cap for airless tube

AIRLESS TUBE Ø 25
Size:
30 ml (Height 94 mm)
Material: Multilayer
Accessory:
Screw cap for airless tube
Available distribution holes:
Ø 1 mm, Ø 2 mm

SCREW CAP
FOR AIRLESS TUBES
Material: PP
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