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## A passion for the breeding world

ARDES society was born **in 1956 from a family's passion for the breeding world**, and more precisely, from the equine world. Still nowadays, ARDES conceives, makes and commercialized animal identification solutions and veterinary materials while immortalizing its passion through its world presence.



In 1956, accompanied by partner companies which know different techniques, ARDES throws a range of veterinary products made to meet the specific needs from the professionals of the equine health.

This proximity with the veterinarians gets closer slowly but surely to the breeding world.

From these interactions and the proximity with the livestock breeders, ARDES identifies needs and demands from the unsatisfied stock breeders by the actual products on the market. From this report, ADRES developed and commercialized its first syringe, by answering in a successful way, livestock **breeders' and vegetarians' high expectations.**

Deeply held and having developed a confident relationship between livestock **breeders and vegetarians, ARDES starts, at the end of the 80's, animal identification solutions** by collaborating with them, in order to propose an **innovative product, answering users' needs. This is concluded** by the identification ear tag creation in 1987.

## A unique expertise



The **whole of ARDES' products are** guaranteed French fabrication and high quality.

**Indeed, the ARDES production's site** is located inside a plastic valley, with the main actors and young innovating companies of plastic industry.

This localization allowed in developing privileged partnership with specialized companies and leaders in their domain.

## An efficient **production's tool**

ARDES is regularly collaborating with people who live next to the production site.

A confident relationship stems from this proximity, allowing to develop specific solutions of production to the professionals of the animal health and to the livestock breeders. For example, the savoir-faire and the expertise of

a specialized company in industrial automates conception, permit to operate innovative technical processes, and custom made-product, to answer to our high quality demand.

Indeed, the fabrication of ARDES products has advanced techniques like the plastic injection.







## The visual ear tag

The range of visual ear tags is composed of female and male tags with different size, blanked or numbered, to answer to all the needs of the bovine, porcine and caprine breeders.

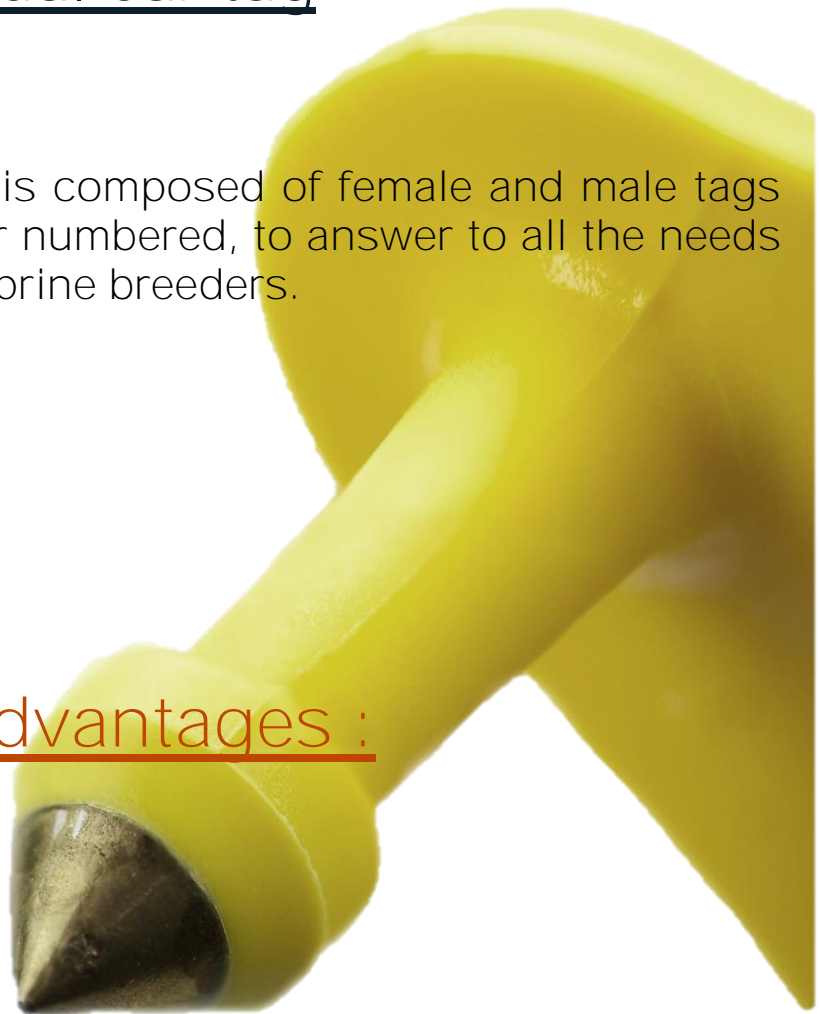
### Our advantages :

#### Durable identification

- Retention rate records at 99% thanks to a high resistance to the break.
- Premium polyurethane resistant to UV and climatic conditions.
- Readable marking, year after year, **on the animal's ear.**

#### Reliable identification

- Fast healing of the section limiting the risk of infection and of ovalisation.
- Easily escape from natural traps **(boughs, bushes, bruises...)** and from contention systems present on the breeding (barbed wire, **fences...).**



## Female visual ear tags



Extra-Large



Large



Medium



Small



Minitag



Flexible Sheeptag



Button



Ovitag

Available in six colours:



Blanked or numbered: **numbering, logo, bar codes, text, image ...**

Material: polyurethane premium (TPU)

Assembling: only with ARDES male ear tags

Possible sealing off with all the pliers of the market

Female Visual Ear Tag	Tamperproof	Non-tamperproof
Extra-Large	75 mm x 100 mm	75 mm x 95 mm
Large	60 mm x 75 mm	60 mm x 70 mm
Medium	55 mm x 54 mm	55 mm x 55 mm
Small	40 mm x 45 mm	40 mm x 45 mm
Minitag	-	30 mm x 30 mm
Flexible Sheeptag	14 mm x 45 mm	-
Bouton	Ø 28 mm	Ø 28 mm
Ovitag	10 mm x 70 mm	

## Male visual ear tags :



Extra-Large



Large



Medium



Small



Flexible Sheeptag



Metal Tip Button



Plastic Tip Button



Minitag



Minitag Button

Male Visual Ear Tag	Dimensions
Extra-Large	75 mm x 60 mm
Large	60 mm x 60 mm
Medium	55 mm x 54 mm
Small	40 mm x 45 mm
Flexible Sheeptag	14 mm x 45 mm
Metal and Plastic Tip Button	Ø 28 mm
Minitag	30 mm x 30 mm
Minitag Button	Ø 20 mm

Available in six colours: ○ ● ● ● ● ●

Blanked or numbered: numbering, logo, bar codes, **text, image...**

Matériaux: premium polyurethane (TPU)

Assembly: only with ARDES female ear tags

Possible sealing off with all the pliers of the market



# Electronic ear tag

The electronic identification allows a higher reading simplicity and rapidity **than visual ear tags, especially to automate animal's traceability** thanks to FDX and HDX technology.

## Our advantages:



### Important reading distance:

ARDES electronic ear tags are easily detected by readers. In fact, the distance for the reader detection is more important with ARDES ear tags than standards one.



### Performance reliability:

All ARDES Electronic ear tags deliver constant reading performances. The assembly **process between transponder and plastic envelopes, made by ARDES, doesn't spoil the** signal performance produces by the electronic ear tag.

## Maximum reading distance between the electronic ear tag and the reader

Reader's type on the market	ARDES electronic ear tag	
Fixed Readers	84 cm	+5% compared to the competition
Portable Readers	33 cm	+9% compared to the competition



## The range of electronic ear tags



Large



Small

### **ISO 11784 – ISO 11785**

**Materials:** premium polyurethane (TPU)

**Animals:** cattle, swine, sheep, goat

**Assembling:** Only with ARDES male ear tag

Possible sealing off with all the pliers of the market

Electronic Ear Tags	Dimensions
Large	Ø 30
Small	Ø 25

### Standards and certificates

The international Committee for Animal Recording certified ARDES electronic ear tags, in keeping with ISO 11784 & 11785 international rules. This certification, a quality token, ensures ear tags functioning with all ISO standards readers on the market.



## Electronic readers:



In collaboration with our partner laboratory specialized in electronic measures, the RFT Lab<sup>®</sup>, ARDES has tested dozen of reading systems and has chosen 2 partner companies: BIOCONTROL and GALLAGHER. Readers manufactured by these companies offers the best performances with ARDES ear tags:

- Reading distance
- Reliability
- Robustness and ergonomic

### Examples of readers:



HHR 3000 LT from BIOCONTROL



Smart Reader HR3 from GALLAGHER

Reader	Portable electronic reader	Fix electronic reader
Reading distance	***	****
Internal storage capacity	**	****
<b>Product's</b> functionalities	****	**
Precision	***	**
Auto-tuning	**	****

# Accessories for Identification's solutions



## Marking pen:

**Dimension:** 140 mm, Ø 18 mm

**Material:** polyurethane

**Black Ink:** important contrast

**Two kinds of point:** bevel-edged or round

**Indelible:** on all materials

## Metal Applicator:

Dimension: 240 mm x 70 mm

Material: aluminum

Compatibility: visual and electronic ear tags



## Ovitag Applicator:

Material: polyurethane

Compatibility: ARDES Ovitag ear tags

## Pin:

Dimension: 3cm

Material: Steel

Compatibility: with ARDES metal applicator



# INJECTION SOLUTIONS



# The syringe

ARDES syringes are elaborated from a fabrication proceed mastered and are subjected to a quality control to each production stage.

Thanks to this rigor, ARDES syringes presents three essentials advantages:

## Durability

- > Unbreakable thanks to the use of robust materials and to an attention for the usually delicate links.
- > High Life expectancy allowed thanks to quality materials and an anti-oxidation treatment on the rod and on the nut.
- > Resistance to all pharmaceutical products

## Reliability

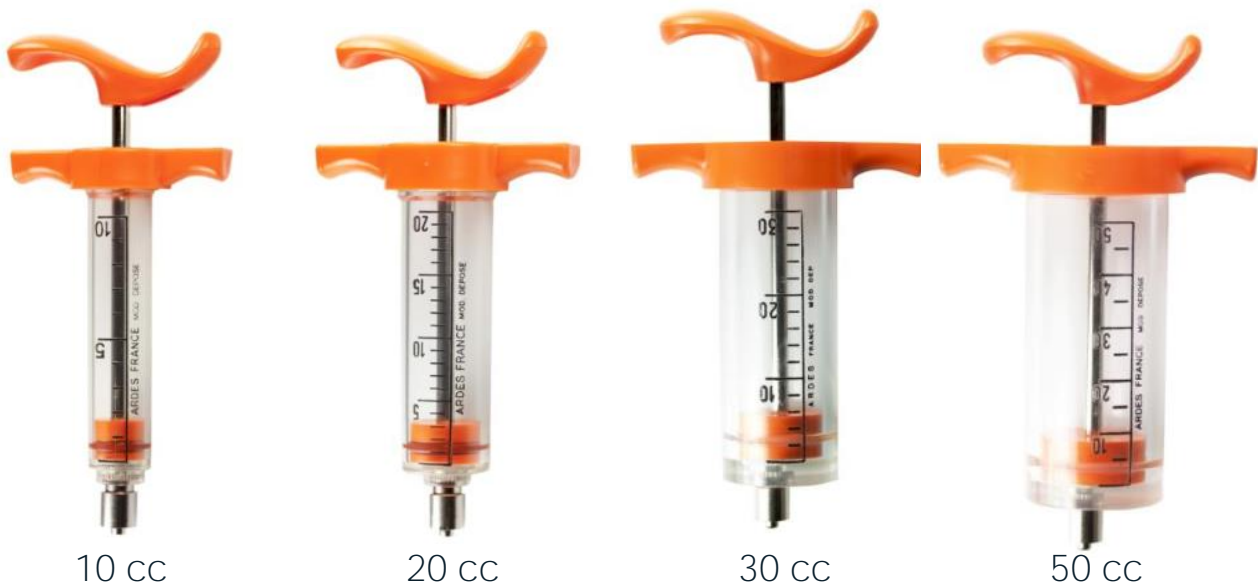
- > High precision assured by a graduation graved with a submission of black pigments.
- > Injection without leak guaranteed by the high quality joint, anti-adhesive and hydrophobia.
- > Sterilization, allowing a repeated use **by respecting the hygienes'** standards.

## Comfort

- > **Ergonomic handle** devised to marry the hand's shape.
- > **Without effort** thanks to a high quality joint and to silicone syringes delivered allowing a soft injection. Moreover, ARDES proposes silicone doses to lubricate the syringe after use.



## Non ajustable syringes



Usage: vaccines, antibiotics and nutritional solutions

Animal type: bovines, pigs, ovine races and goats

Compatibility: cone luer lock or record fix

Graduation: graved in the mass with deposits of black pigments

Resistance: to all known pharmaceutical products

Dismantled: for an easy maintenance

Body: transparent in premium Plexiglas

Rod: made with brass

Treatment: anti-oxidation by nickel flash

Sterilization: in autoclave 121°C/134°C

# Adjustable Syringes



10 cc



20 cc

Usage: vaccines, antibiotics and nutritional solutions

Animal type: bovines, pigs, ovine races and goats

Compatibility: cone luer lock or record fix

Graduation: graved in the mass with deposits of black pigments

Resistance: to all known pharmaceutical products

Dismantled: for an easy maintenance

Body: transparent in premium Plexiglas

Rod: made with brass

Treatment: anti-oxidation by nickel flash

Sterilization: in autoclave 121°C/134°C

**Adjustable:** thanks to a graduate rod with nut

# Adjustable drenchers

We propose two drenchers, of 60ml and 150ml for ovine races, goats, bovines and pigs.

ARDES drenchers are produced under a controlled manufacturing process and they are subjected to a quality check at each step of production. Thanks to this rigorous process, ARDES drenchers present three main advantages.



## Durability



- > **Unbreakable** guaranteed by plastic materials meticulously chosen and connections that undergo high constraints.
- > **Resistant** to all pharmaceutical products (even the most corrosive substances), to high temperature and climatic constraints (UV).
- > **Easy maintenance** thanks to the possibility to dismantle entirely the product.



## Reliability

- > **High dosage precision** thanks to an accurate adjustment with a handle rotation of 5ml to 60ml, and to an indelible graduation that allows a readability without effort.
- > **Injection without leak** guaranteed by a high quality o'ring made of silicone, non-adhesive and hydrophobic, which suits to meet food standards' requirements.
- > **Total administration of the product** inside the mouth of the animal thanks to an optimum nozzle length angled round 25°.



## Comfort

- > **Without effort** thanks to a quality o'ring and a drencher delivered already siliconized allowing a soft injection. Moreover, ARDES proposes silicone bottles to lubricate the o'ring after use.
- > **Facility** thanks to a nozzle angled round 25° allowing administrate the content in an ideal position.
- > **Simplicity** of the adjustment by the handle rotation.

## The adjustable manual drencher



60 ml



150 ml

**Usage:** suppressor solutions, digestive system treatments, feed solution

**Animal type:** sheep, goat, swine

**Application:** oral

**Graduation:** Indelible relief in all sides of the tank

**Resistance:** to all known pharmaceutical products

**Adjustable:** from the handle rotation

**Nozzle:** 130mm of length, in brass

**Olive:** placed at the end of the nozzle to avoid graze risk

**Dismantled:** Easy disassembly and maintenance

*This year, ARDES is proud to  
present you :*



**His new adjustable automatic  
drencher !!!**

## Advantages of this new drencher:

- Time saving with two functions in one: Injection and Marking



- Ergonomic Handle



- Simple and secured dosage





## Accessories of injection materials



### 5ml silicone pod:

**Usage: Seal's lubrication**

### Drencher's vat 60ml and 150 ml:

Graduation: graved in the mass with black pigments  
Resistance: All known pharmaceutical products  
Dismantled: for an easy maintenance



### Nozzle:

Usage: oral  
Materials: made in brass  
Olive: placed at the end of the nozzle to avoid injury  
Length: 110mm or 130mm  
Treatment: anti-oxidation

### O'Rings for Syringes:

Dismantled: Substitutable  
Adjustable: Ø 1.4 cm, Ø2 cm, Ø2.5 cm, Ø3 cm  
Material: Silicone



### O'Rings for Drenchers:

Dismantled: Substitutable  
Length: Ø 4.4 cm, Ø5.5 cm  
Dimension: Ø 4.4 cm, Ø5.5 cm  
Material: Silicone