



Ordering Numnuts®

Planning your requirements

Use the table below to calculate the required amount of NumOcaine® and spare parts to minimise downtime during docking and marking. For example, if your customer has 3000 lambs to be docked and castrated, you will need to order:

- 1 x Numnuts device
- 70 x 100 mL bottles of NumOcaine
- 2 additional trays of needles
(one tray is included with the device)
- 1 x spare fluid junction
(one fluid junction is included with the device)

In addition, it is recommended your customer purchase an additional two-stage injector and a back-up device to ensure smooth docking and marking operations.

Recommended spare parts

Like any other tool or drug delivery system, proper care and maintenance are essential. The needle should be replaced every 130 procedures (i.e. two bottles of NumOcaine). Numnuts needles are specific to the Numnuts system and are sold in trays of 12. The **fluid junction** should be replaced every 2,000 procedures or at the start of each season. The **two-stage injector** should be replaced every 5,000 procedures. The **Numnuts device** should be replaced every 100,000 procedures. The modular design of the Numnuts system allows for easy replacement of parts as needed.

	Calculation	Example	Your customer
No. of lambs to be docked:		A	3,000
No. of lambs to be castrated: [^]		B	1,500
No. of doses of NumOcaine required:	= A + B	C	4,500
No. of bottles of NumOcaine required (65 doses per bottle):	= C / 65	D	70
No. Numnuts needles required:	= C / 130	E	35
No. of trays of Numnuts needles required (12 needles per tray):	= E / 12	E	3
No. of spare fluid junctions required:	= C / 2000	E	2
No. of spare two-stage injectors required:	= C / 5000	F	1

[^]Assumes 50% males.

Order codes

Item	Numnuts device	NumOcaine	Numnuts needles	Fluid junction	Two-stage injector
Comments	Includes device, fluid junction, two-stage injector and one tray of 12 needles.	Each 100 mL bottle contains 65 doses.	Each tray contains 12 needles. Replace needle every 130 doses (two bottles).	Includes two O-rings. Replace every 2,000 doses or at the end of each season.	Replace every 5,000 doses or at the end of each season.
Code	AD0100	AP0101	AS0300	AS0100	AS0200

Using the Numnuts device



Put a ring in the Numnuts device. Open the device and position the ring over the testes or tail.



Close the ring by releasing pressure on the metal lever, which automatically aligns the tool for injection.



Press the injector plunger firmly. The two-stage mechanism pushes the needle through the skin and delivers a calibrated 1.5 mL dose.



Release the injector plunger and tilt down. Pull the tool up to release ring.

Images depict a demonstration unit.

Cleaning, maintenance and storage

To ensure optimal performance and hygiene, clean the Numnuts device thoroughly at the end of each day during marking and at the end of the season. This helps prevent the spread of soil or faecal-borne diseases. Wash the device, including the fluid junction, with hot soapy water to remove dirt. Use a brush to clean hard-to-reach areas and clear any moving parts. Apply a dry silicone or PTFE spray to the injector mechanism and ring applicator to keep them moving smoothly. Use vegetable or olive oil to lubricate the O-ring inside the fluid junction and at the end of the injector. This will keep the injector leak-free. Avoid synthetic or non-food grade lubricants. Store the device and spare parts in an airtight container and keep them out of direct sunlight to protect the plastic's mechanical properties.



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cleaning video.

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Dechra Veterinary Products (Australia)
ABN 58 614 716 700
T +61 2 4372 1661 | F +61 2 4372 1668
E info.au@dechra.com | www.dechra.com.au

