

1 **LS 2000 / DP 100**

Ultrasonic Humidifiers and Nebulizers



2 **General Specifications :**

- Quartz frequency : 2,4 MHz.
- AMMD : 3,5 μ m (laser diffraction / MALVERN® Mastersizer).
- 71 % of particles < 5 μ m.
- Nebulization capacity :
2 - 8 ml with Control'Dose®,
8 - 30 ml without Control'Dose®.
- Humidification : 0,5 liter or 1 liter water feeding systems.
- Dead volume of medicine : 0,6 ml.
- Nebulization output :
adjustable from 0,2 ml to 1 ml / min.
with Control'Dose® and 3 ml / min.
without Control'Dose®.
- Ventilation integrated (adjustable airflow).
- Removable ceramic mist heater
- Adjustable nebulization output and ventilation airflow.
- Alarms.
- Optional rolling stand and oxygen nozzle.



LS 2000



DP 100



3 **CONTROL'DOSE®
Patented System.**

26 Control'Dose®

27 The Control'Dose® effect : MEDICINAL SOLUTION/PARTICLE EMISSION SEPARATION.

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The Control'Dose® system allows :

- ↳ to nebulize very small volumes of medicine without previous dilution (2-8 ml),
- ↳ to nebulize the initial dosis with a residual volume of 0,6 ml.

29 DOSAGE MASTERED...

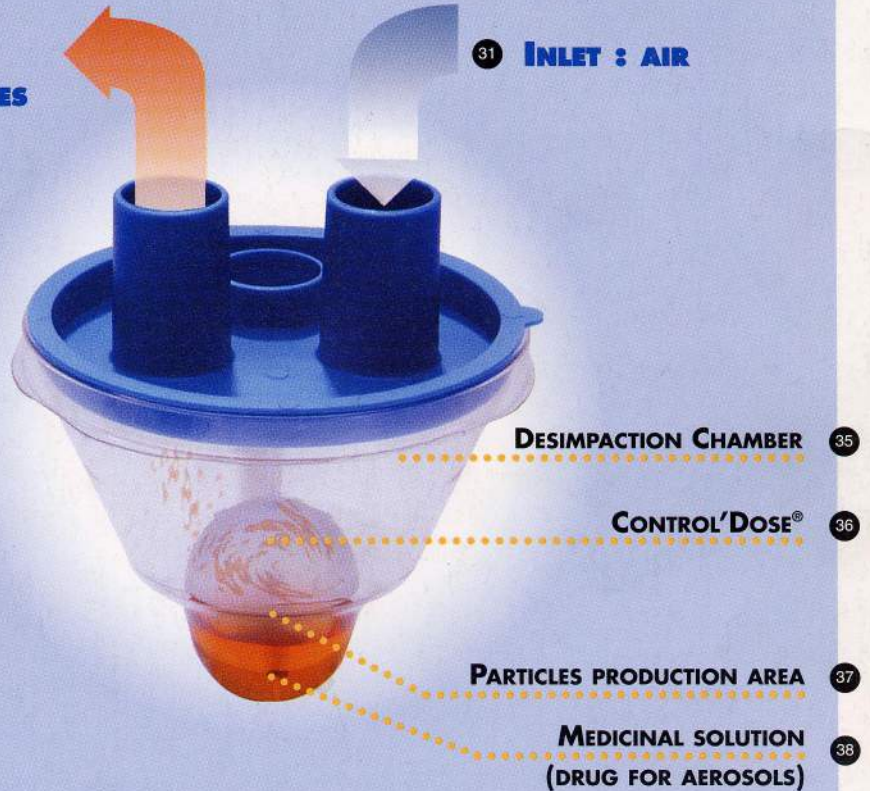


30 OUTLET : MEDICINAL PARTICLES

31 INLET : AIR

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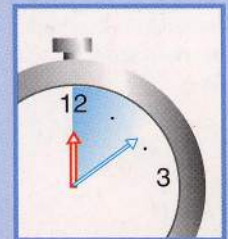
During operation, the medicinal solution remains in the volume created under the Control'Dose® and the medicinal particles are conveyed to the outlet (to the patient).



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- ↳ The aerosol session lasts 7 to 10 minutes with the Control'Dose® (around 20 to 30 minutes with conventional systems).
- ↳ Shortest sessions.
- ↳ A better compliance of the treatment.
- ↳ Less expected participation of the patient (especially with children).

34 TIME CONQUERED...



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