

NEBULIZER.

A compact respiratory-delivery concept, traced from system logic to a first physical prototype.

CURRENT PROJECT OVERVIEW / HISTORICAL CONCEPT



PORTABLE POWER. SIMPLE SYSTEM LOGIC.

The concept explored a compact, lower-cost format for people using inhaled asthma medication. It is presented as a historical engineering study, not a current medical product.

9V

One readily
available battery

\$7

Original
documented unit
target

FIRST

Physical prototype
before
manufacturing

POWER. LIQUID. WAVER. MIST.

01

POWER

One 9V source

02

LIQUID

Held in the chamber

03

WAVER

Wave-generating element

04

MIST

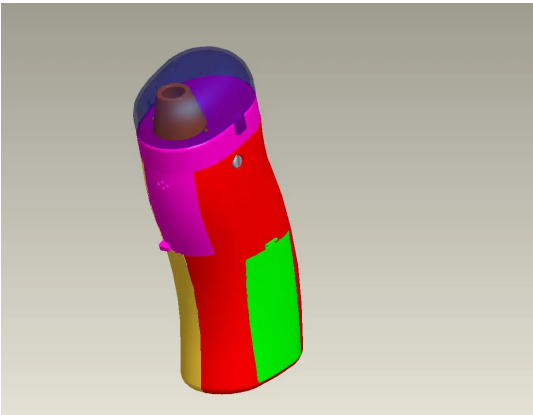
Fine aerosol output

INPUT / 9V + LIQUID

INTENDED OUTPUT / FINE AEROSOL

FROM SYSTEM TO OBJECT.

01 / CONCEPT



Exterior CAD study

02 / ENGINEERING



Internal arrangement

03 / FIRST PROTOTYPE



Physical hand-held scale

WHAT THE SOURCES ESTABLISH.

PROJECT TYPE	Product development
POWER	9V
TARGET UNIT COST	\$7 — original target
MECHANISM	“Waver” — source term
DEVELOPMENT	First physical prototype

RECORD BOUNDARY

This is a historical engineering concept and prototype. The available source material does not state dimensions, chamber capacity, output rate, clinical performance, medical approval, production quantity, completion date, manufacturing status or present-day availability.

The \$7 figure is the documented original target, not a current price.