





 **CleanPAP**TM
BETTER, SAFER CLEANING



ABOUT US

DR. RAJ KAKAR

MD, MPH

- 20+ years of experience in treating sleeping disorders.
- Board-certified sleep medicine specialist
- CEO of Sleep Health Clinics in North Texas
- Completed fellowship training in Sleep Medicine at the world-renowned Stanford University Sleep Disorders Centre in 2004
- Recognized for his dedication to improving patient's sleep and overall well-being.



INFORMATION

OPPORTUNITY

SAY HELLO TO CLEANPAP™

Giving CPAP users worldwide more time and less worry for a better night's sleep.

- Better personal health
- Better environmental health
- Better, safer, cleaning



INFORMATION

MARKET ANALYSIS

INCREASE IN SLEEP ISSUES

- 70% of people experienced sleep issues post-covid
- 50% of US adults are expected to have obesity by 2030 (10% increase)



INFORMATION

MARKET ANALYSIS

OBSTRUCTIVE SLEEP APNEA (OSA)

- 70 million people in the United States are affected by OSA.
- 80% of moderate and severe cases remain undiagnosed
- Continuous positive airway pressure (CPAP) therapy is the most effective treatment for OSA
- 1 billion people worldwide suffer from obstructive sleep apnea (OSA), which is associated with:
 - Cardiovascular diseases
 - Cognitive impairment
 - Diabetes

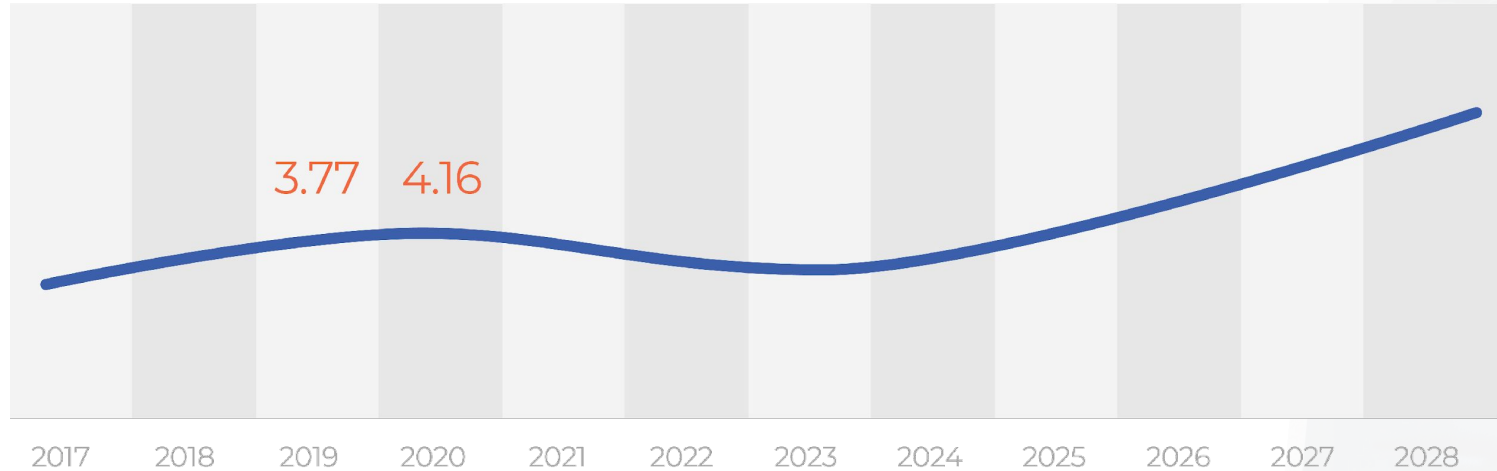
INFORMATION

NORTH AMERICAN SLEEP APNEA DEVICES MARKET SIZE, 2017-2018 (USD BILLION)

- \$718 billion projected market size by 2030
- 10% CAGR

“There are now, with the latest epidemiology rising up, around 1 billion people with obstructive sleep apnea that needs to be treated worldwide....”

- Mick Farrell
(CEO of ResMed)





INFORMATION

PROBLEM

CPAP DEVICES PLAY A CRUCIAL ROLE FOR MANAGING OSA

- CPAP equipment (masks, hose, water chamber) require daily hand washing with mild soap & water
- Regular cleaning is time consuming but essential to prevent bacterial, viral, & mold contamination



INFORMATION

MAIN COMPETITORS

SOCLEAN™

- Current market leader
- \$349.00
- Utilizes ozone



INFORMATION

MAIN COMPETITORS

REACT HEALTH

- Product line – Lumin CPAP Cleaner
- \$239.00
- Uses UV light



INFORMATION

MAIN COMPETITORS

FALL OF SOCLEAN™

- Research confirms that ozone exposure increases the risk of respiratory and cardiovascular mortality
- FDA concerns grew after patients reported coughing, difficulty breathing, nasal irritation, headaches, and asthma attacks
- Consumers complained of strange smells and CPAP mask discoloration after using SoClean™
- As a result, SoClean™ has not received FDA approval

Problems with Ozone Cleaners

A Market Opportunity for *CleanPAP™*

Typically, CPAP manufacturers recommend regular cleaning of CPAP device accessories with mild soap and water. Ozone, sometimes called “activated oxygen,” is a gas that can be used to kill harmful bacteria. However, for **ozone** to be effective in destroying harmful bacteria, it must be **present at a concentration above levels considered safe for humans**.

The FDA notes in a recent safety communication that it continues to work with SoClean to bring the firm into compliance with FDA requirements. The FDA also reminded consumers that it **has not authorized** for the market **any devices using ozone gas or UV light** to clean, disinfect, or sanitize CPAP devices and accessories (for example, hoses, masks, tubing, and headgear).



INFORMATION

MAIN COMPETITORS

RECALLED CPAP DEVICES

- 'Recalled Philips Cpap Injuries Climb to Over 90 000, FDA Reports'
(<https://www.drugwatch.com/news/2022/12/13/recalled-philps-cpap-injuries-fda/>)
- 'Philps Faces Hundred of Cancer Lawsuits'
- 'Philips Issued More Recalls in 2022'
- ResMed says ozone damage will void the CPAP manufacturer's warranty – they recommend that SoClean™ NOT be used with ResMed CPAP machines (February 1, 2020)

INFORMATION

THE SOLUTION

INNOVATIVE & AUTOMATED

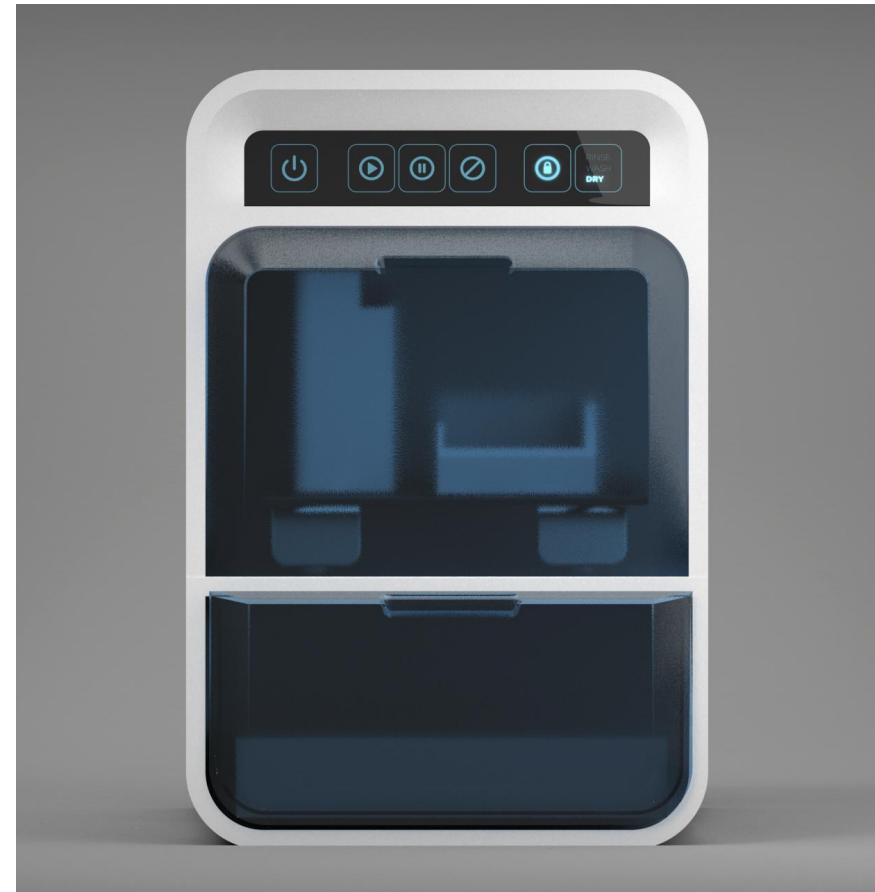


INFORMATION

THE SOLUTION

INNOVATIVE & AUTOMATED

- Innovative automated CPAP appliance for maintaining fresh and clean supplies
- Automatically cleans masks, hoses, and water chambers, eliminating the need for manual washing
- CleanPap™ avoids issues associated with ozone CPAP cleaners, preventing product recalls (eg. Philips Respironics in 2021) and long-term health risks

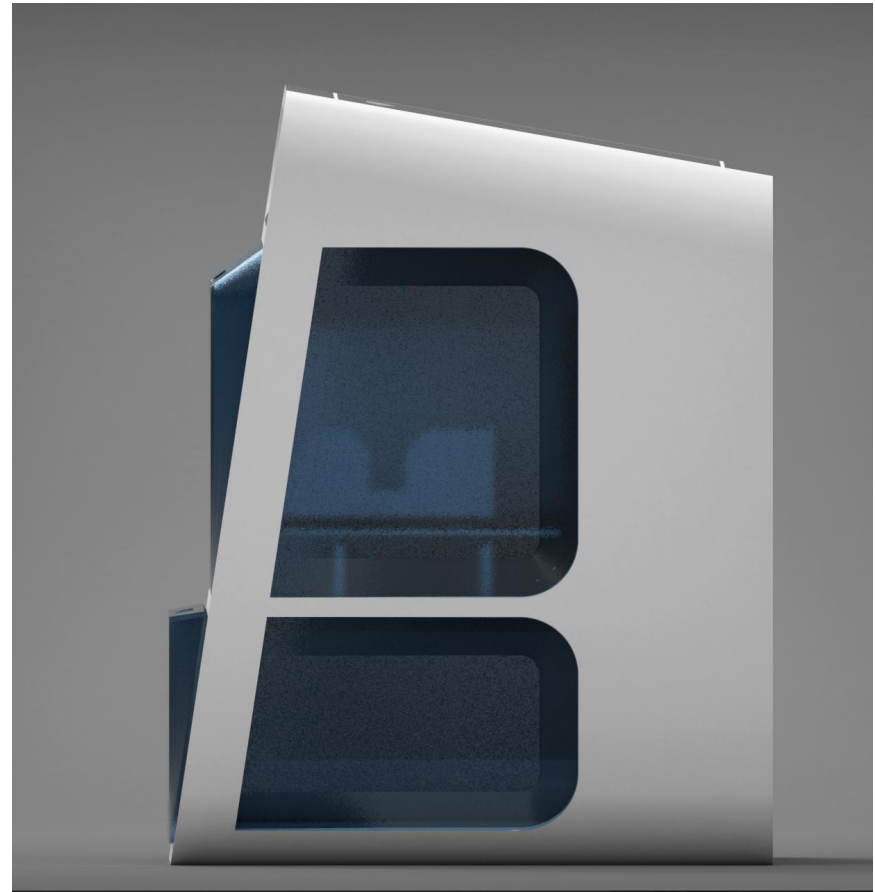


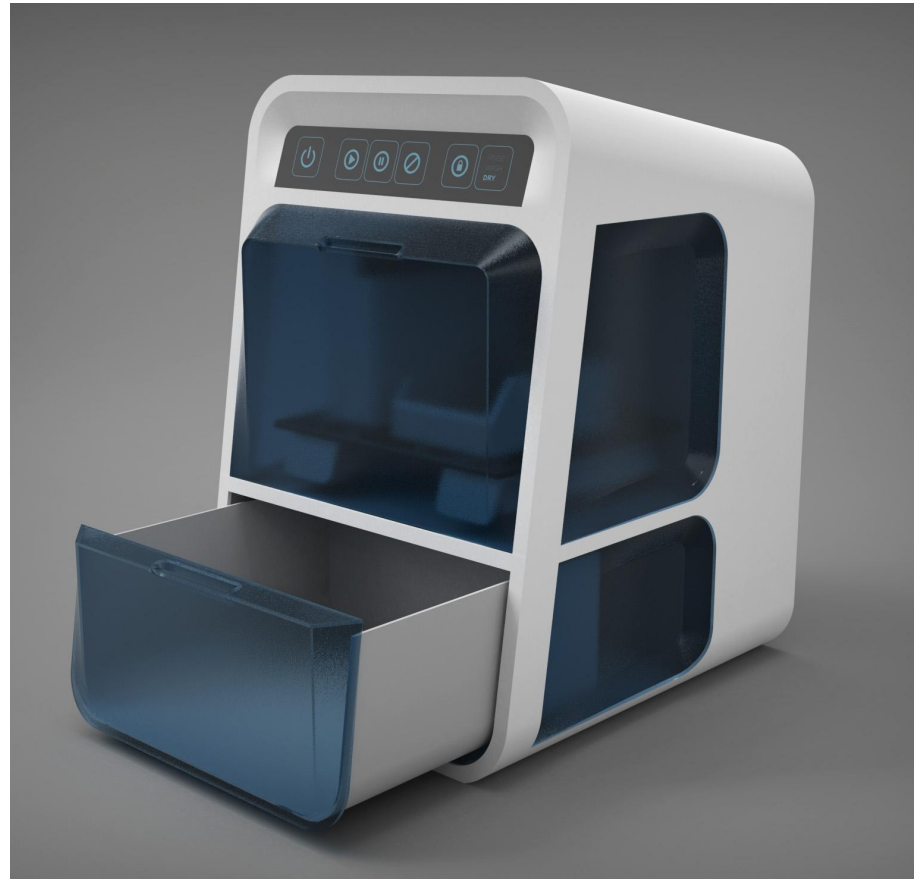
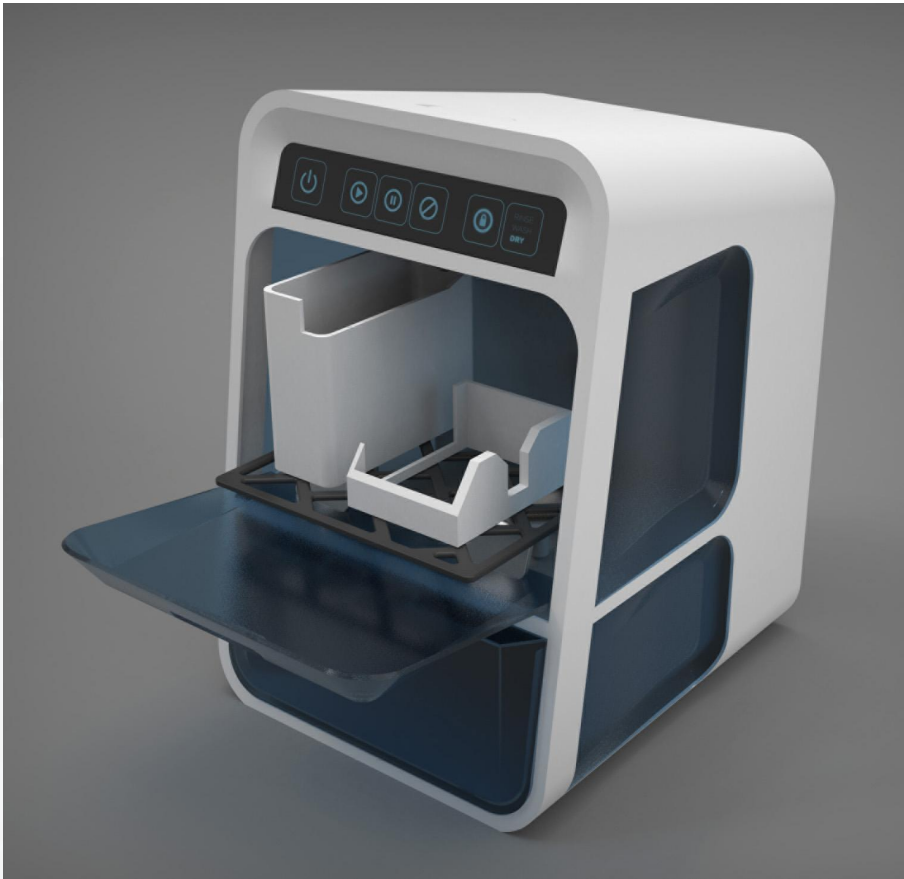
INFORMATION

THE SOLUTION

BENEFITS

- Sleek, **patented (US 2021/0138517_A1)** design
- Portable with a single-load compartment for easy operation
- 20-minute cleaning cycle and automatic drainage
- Removeable water container and indicator icons
- No ozone or other toxic gas emissions
- Safe and effective – no external plumbing required





LED PANEL

- Indicates what cycle system is in

SOAP RESERVOIR

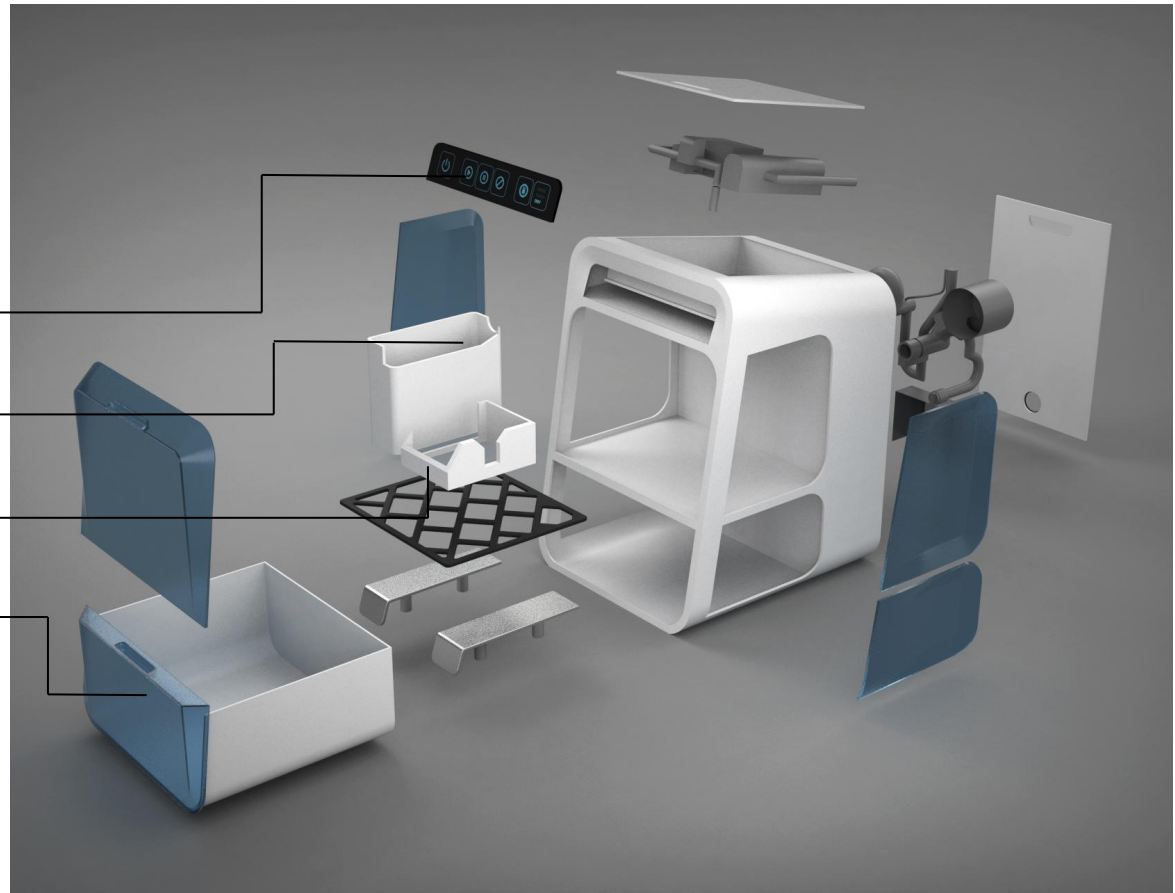
- Loads multiple uses for mild soap

PARTS TRAY

- For easy loading of CPAP mask and tube

WATER RESERVOIR

- Holds enough water for one cycle







INFORMATION

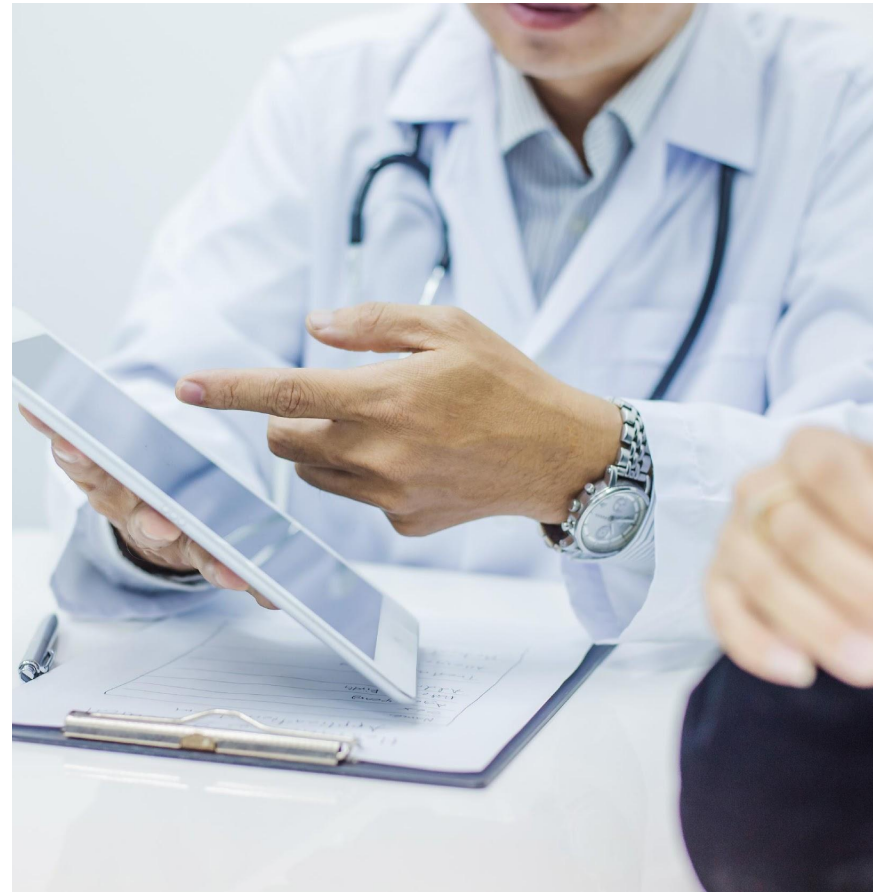
THE SOLUTION

MARKET RESEARCH

We conducted market research with 100 patients from Dr. Kakar's medical practice:

Feedback

1. High satisfaction
2. Ease of Mind
3. Peace of mind



Food and Drug Administration (FDA)

Conclusion Report from MRC Global

- Product code MEC includes devices that are intended to clean and provide low- or intermediate-level disinfection.
- Devices within the MEC product code **do not require 510(k)** Premarket Notification submission to the FDA before going to market (distribution).
- However, all design control documentation, design history file and supportive testing should be completed prior to going to market (distribution) and kept on file for inspection.

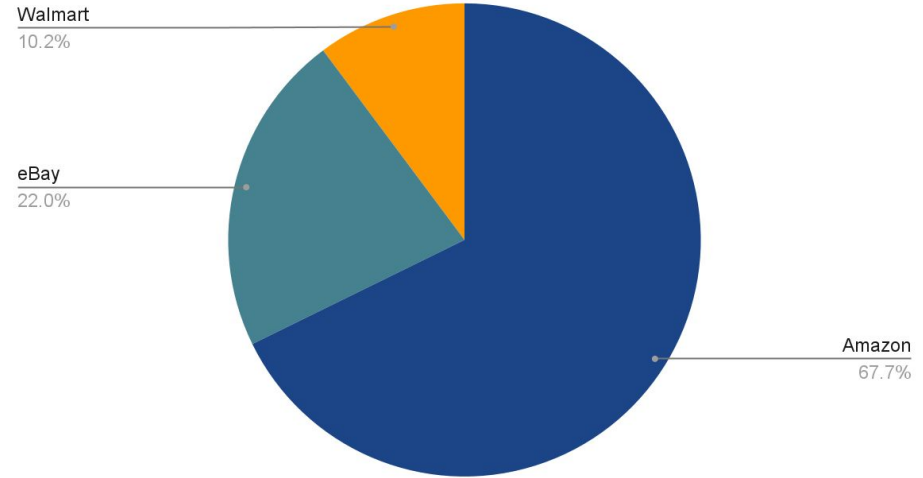
MARKET

MARKET STATISTICS

Our Market:

1. **Price point** per cleaner sold - **\$399/unit**
2. If costs per unit are limited to \$150, then we can expect a **62% Gross Margin per unit**
3. **Primarily Online Sales** Distribution through **Direct-to-Consumer**

Monthly Visitor Statistics as of 2023



INFORMATION

ABOUT US

THE TEAM



Dr. Raj Kakar
Founder



John Awtry
CFO



Engineering Team
Engineering Team Name



Partners
Name of Partners

3 SKILLS WE ARE LOOKING FOR THE TEAM



Marketing & Advertising



Sales Team



Business/Financial Team

INFORMATION

BUSINESS PROFITABILITY

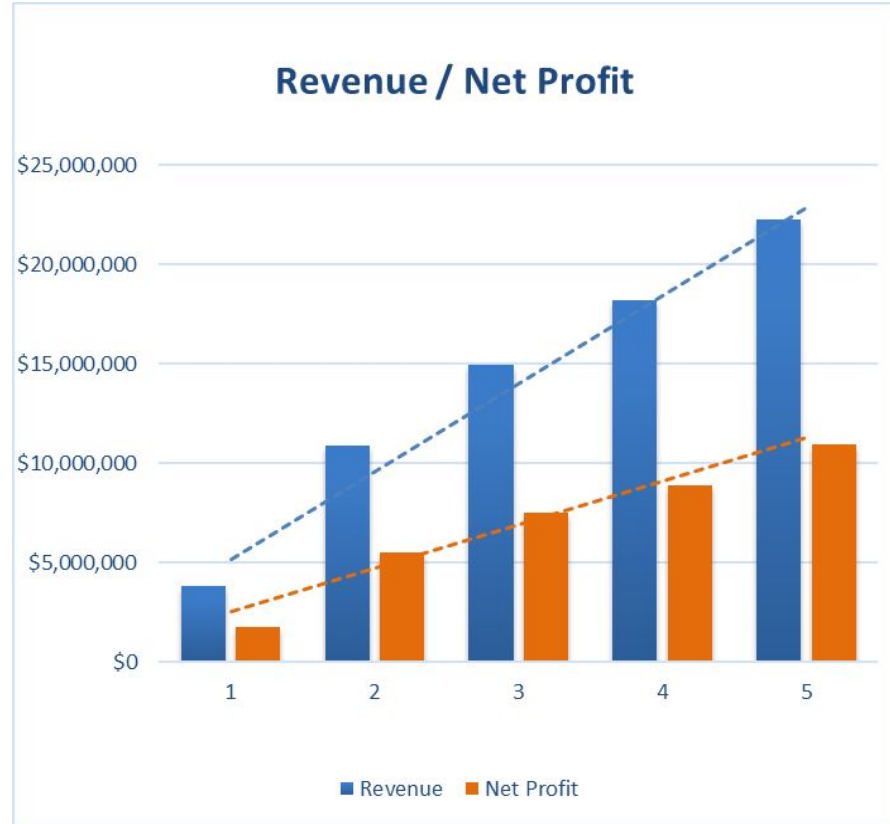
ANALYSIS



INFORMATION

BUSINESS PROFITABILITY

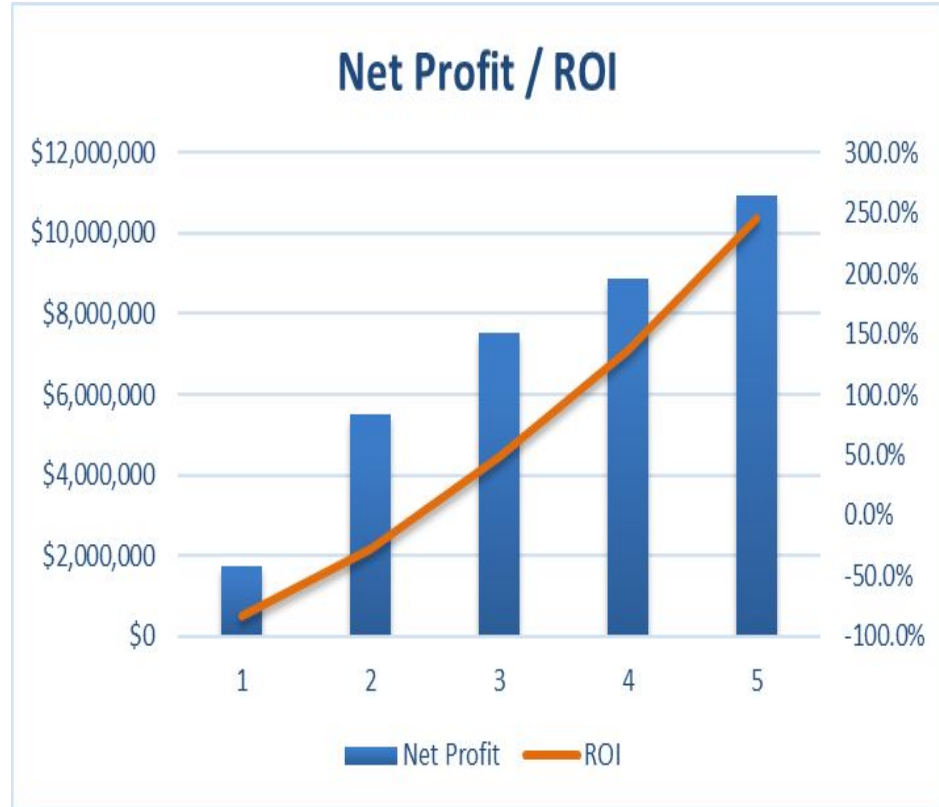
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ANALYSIS



INFORMATION

BUSINESS PROFITABILITY

ANALYSIS



INFORMATION

INVESTMENT

DON'T MISS OUT ON THIS AMAZING OPPORTUNITY!

- We are raising \$2m in exchange for equity
- SAFE preferred
- Funds to complete engineering and design
- Preparation for commercial manufacturing, marketing, and sales distribution



INFORMATION

INVESTMENT

DON'T MISS OUT ON THIS AMAZING OPPORTUNITY!

- 20x multiple return expected based on first round of funding for similar companies
- Save time and worry for millions of CPAP users worldwide
- Provide a clean alternative to ozone-based CPAP cleaners
- Promote environmental health by reducing toxic emissions

SoClean®



20x

sleepme®



18x

 cleanPAP™
BETTER, SAFER CLEANING



20x



EXECUTIVE SUMMARY

Effortless, safe CPAP cleaning with Dr. Kakar's CPAP Cleaner

PROBLEM

- Bacterial buildup on CPAP devices
- Inconvenient cleaning process
- Hazardous competitor solutions

SOLUTION

- Dr. Kakar's patented CPAP Cleaner
- Dishwasher-like functionality
- Utilizes water and soap
- Home convenience

OUR CLIENTS

- Individuals with sleep apnea who require equipment cleaning

OUR TEAM

- Dr. Kakar's - Founder
- John Awtry - CFO
- Engineering Team
- Partners





LET'S BRING *CleanPAP™* TO MARKET
AND REVOLUTIONIZE CPAP CLEANING
FOREVER!

Please contact

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