

VMP  
Veterinary Mobile Pack

Designer and Ideator

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# Portable Veterinary Clinic

## Overview:

VMP is a cutting-edge portable suitcase designed to seamlessly transform into a fully functional veterinary clinic, providing unparalleled convenience and versatility for veterinarians operating in diverse environments. This document serves to provide an in-depth understanding of the features, specifications, and operational capabilities of the VMP system.

## Idea Behind the Design:

As a veterinarian with extensive experience spanning several years, I have dedicated myself to the design and refinement of veterinary services, driven by a profound personal interest and innate creativity. From my early days as a student, I embarked on a journey to provide essential pet care services directly in the comfort of their own homes, catering particularly to those unable to access traditional veterinary facilities. Central to my mission was the establishment of a conducive and hygienic environment for consultations and ancillary procedures.

Recognizing the paramount importance of cleanliness and the prevention of cross-contamination, I endeavored to ensure that each visit was conducted with meticulous attention to hygiene standards. However, despite my best efforts to maintain cleanliness, there lingered a sense of discomfort in performing tasks such as anal gland expression on kitchen counters or dining tables during visits to small dog patients.

Motivated by this realization and fueled by my passion for innovation, I resolved to harness my creative capabilities to devise a solution that would address this challenge. I aimed to create a practical and hygienic alternative that would not only enhance the quality of care provided but also alleviate concerns regarding potential contamination of domestic spaces.

Through a process of innovative design and thoughtful refinement, I developed a portable veterinary suitcase – a multifunctional solution that seamlessly transforms into a fully equipped clinic on wheels. This pioneering creation not only facilitates ease of movement for veterinarians but also ensures a sterile and controlled environment for consultations and procedures.

Incorporating features such as adjustable height mechanisms, sterilizable materials, and specialized compartments for surgical supplies and sample transportation, the suitcase represents a paradigm shift in the delivery of veterinary care.

In essence, my journey from practitioner to inventor underscores my unwavering commitment to advancing the field of veterinary medicine through ingenuity and creativity. By bridging the gap between convenience and hygiene, my invention seeks to redefine the standards of veterinary care delivery, ensuring optimal outcomes for both practitioners and their beloved animal patients.

## Features:

### **1. Portability and Mobility:**

Equipped with four-sided wheels and a unique dual-wheel design, facilitates effortless movement and maneuverability in varied terrains and angles.

### **2. Height Adjustment:**

Innovative adjustable legs allow veterinarians to customize the height of the suitcase to their preference, ensuring ergonomic comfort during operations.

Veterinarians can easily adjust the height of the suitcase to their height when beginning work, thanks to its adjustable legs. After finishing the work, they can retrieve the collapsible legs and ultimately have a suitcase that appears to be simple! It should be noted that the holders designed under the steel sheet as an examination table hold the legs when closing the work and prevent the table from opening by itself. the suitcase's body

has a dent and concave design in the area where the examination table is located and that is the why of that!

**3. Sterilizable Materials:**

Utilizes high-quality stainless steel and polycarbonate materials, enabling easy sterilization and disinfection to minimize contamination risks.

**4. Enhanced Hygiene:**

Incorporates a safe box for safeguarding sensitive materials and implements, reducing the risk of disease transmission and contamination.

**5. Illumination:**

Integrated lights provide optimal visibility in all environments, ensuring accurate diagnostics and procedures, even in low-light conditions, powered by a rechargeable battery.

**6. Cold Box:**

Features a VMP cold box for secure transportation of blood samples, vaccines and temperature-sensitive medications, maintaining the integrity of the cold chain.

**7. Surgical Supplies Section:**

Dedicated compartment for carrying essential surgical equipment, ensuring readiness for emergency procedures while maintaining sterile conditions.

**8. Washable Components:**

Removable cold and surgical boxes allow for easy cleaning and disinfection, ensuring hygiene standards are upheld at all times.

**9. Device Charging:**

Includes a power bank for convenient charging of mobile phones and laptops, ensuring uninterrupted communication and access to essential resources.

## Specifications:

Default Size: 31.25 x 17 cm, comparable to the height of an average person's knee to waist.

Customizable Sizes Available: Directly correlated to weight restrictions for desired cases.

## Operational Efficiency:

VMP streamlines veterinary operations by providing a comprehensive solution that combines mobility, functionality, and hygiene. Its ergonomic design and versatile features empower veterinarians to deliver optimal care in any setting, ensuring the well-being of both patients and practitioners.

## Classified Level:

Level 3 - For Authorized Personnel Only