

## ClearHand Mass Hand Sanitization Kiosk

### Operation Cost Saving

- Cost of Soap based water hand wash.  
= 0.2 ₹/Instance
- Cost per tissue paper/paper napkin (soft/2ply/high quality)  
= ₹ 0.40/piece
- Cost of soap-based hand wash & tissue paper for 1 instance  
= ₹ 0.40 + ₹ 0.20 = ₹ **0.60/Instance**

Footfall of the premise = 200-300

Average instances per day considering on average a person washes hands for 3 times a day for 30 days in premises (Before COVID-19 pandemic). After pandemic a person washes hands for **1.5 - 2 times** than pre-COVID-19 level.

=  $0.60 \times 300 \times 3 \times 30 =$  ₹ **16,200. (Pre-COVID-19)**

=  $0.60 \times 300 \times 5 \times 30 =$  ₹ **27,000.00 (Post COVID-19)**

- **Cleaning/sanitising hands with hand rub sanitiser**
  - 1 ml hand rub sanitiser = ₹ 0.125
  - **Wall mounted dispenser = 5 ml/instance (Uncontrolled)**
    - Cost/instance=  $0.125 \times 5 =$  ₹ 0.625
    - If hand wash instances are transferred to wall mounted hand sanitizer dispenser (**2 instances**) for 30 days (max footfall 300)  
=  $2 \times 0.625 \times 30 \times 300 =$  ₹ **11,250.00**

- **ClearHand Mass Hand Sanitization Kiosk**

**Dispense = 1.5 ml/instance (With Adjustable Control)**

- Cost/instance= 0.125 x 1.5= ₹ 0.19
- If hand wash instances are transferred to hand sanitisation (2 instances) for 30 days (max footfall 300)  
= 2 x 0.19 x 30 x 300= ₹ **3,420.00**

<b>Summary Operation Cost</b>		
<b>Washroom hand wash after Covid</b>	<b>Wall Mounted Dispenser</b>	<b>ClearHand Mass Hand Sanitisation Kiosk</b>
5 instances 300 footfalls <b>₹ 27,000.00 /month</b>	Shift to hand rub sanitiser. 2 instances, 300 footfalls <b>₹ 11,250.00/month</b>	50% shift to hand rub sanitiser. 2 instances, 300 footfalls <b>₹ 3,420.00/month</b>

- **Net saving from ClearHand Mass Hand sanitisation Kiosk**

- From washroom hand wash = **₹ 27,000.00 - ₹ 3,420.00 = ₹ 23,580 Saving/Month**
- From Wall mounted dispenser = **₹ 11,250.00 - ₹ 3,420.00 = ₹7,830 Saving/Month**

- **Return on Investment (RoI) in months**

- Against washroom hand wash= ClearHand MRP/Saving per month= ₹ 35,000/₹ 23,580 = 1.48 **(Within 1 - 2 Months)**
- Against Wall mounted dispenser = ClearHand MRP/Saving per month= ₹ 35,000/ ₹ 7,830= 4.5 **(Within 4 - 5 Months)**