

ARKTEK

passive vaccine storage device



field experience and use cases in Ethiopia

USE CASE

Stationary

Mobile

ADVANTAGES

- No need for electricity
- Low maintenance

- Stores vaccine in remote locations

- Keep vaccines at right temperature for a month

- Reduce the supply chain staff travel frequency

*Arktek is PQS certified as a stationary device. However, it has been successfully used in mobile cases in places where Arktek is the only choice of CCE.

USE CASE

Arktek is transported by car or camel for extended outreach services

for

- agrarian community
- moving pastoralists
- villages far from the health facility

reaching 15-20 women & children on average per session / site with immunization service



replenishing of supplies including vaccines from catchment health center & woreda health offices periodically, ice blocks for Arktek are replenished once per month



arktek ice pack is unique and each ice block has temperature monitoring probe-useful for ice pack conditioning process

Arktek

usage cycle & process

hold vaccination sessions in daily & weekly basis



transported by any means



Arktek is useful in defined settings however

- It has continuous temperature monitoring, but there is no logger
- It does not make ice for vaccine carriers for outreach
- It requires monthly ice replenishment with associated operational ice logistics and cost
- Improve the weight, size and shape of the device for future use if required for mobile/outreach sessions



Federal Ministry of Health