

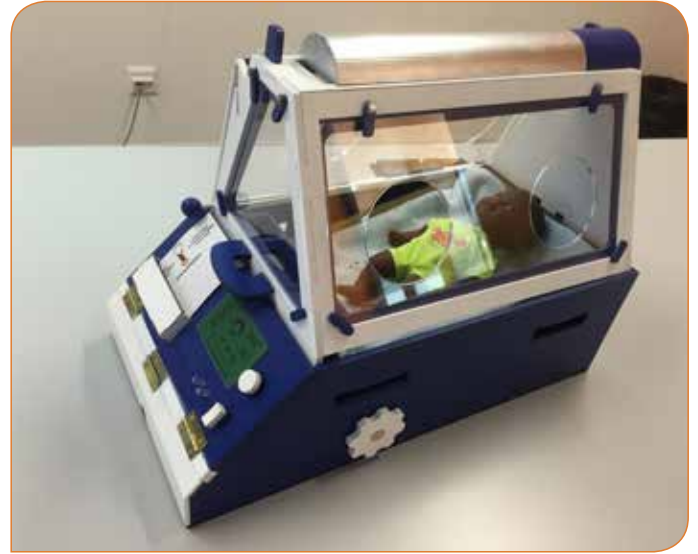
Infant incubator

Country of origin | Switzerland

Primary function | Supporting or sustaining life

Health problem addressed

Over three million children die within one month of life each year in the world. 98% of these deaths occur in low and middle income countries (LMICs). One of the main causes of neonatal mortality is hypothermia, though up to 40% of these deaths could be prevented by simple and appropriate thermal management. When Kangaroo mother care is not possible, other solutions are necessary to help the newborn maintain its body temperature. New appropriate solutions are needed for the context of district hospitals in LMIC.



Disease addressed

Certain conditions originating from the perinatal period.

Product information

The essential infant incubator allows adequate thermal management of low birth-weight and preterm infants, adapted to the context of district hospitals in LMIC. A thermal battery ensures continuous operation of the heating system even in case of power cuts. A robust power supply protects against the main type of electrical instabilities. Integrated removable LED phototherapy allows for the treatment of neonatal jaundice. The device is easy to clean, easy to use and robustly designed.

Use and maintenance

User: Trained caregiver, midwife, nurse, general physician, specialized physician

Training: Whenever an incubator is provided to a hospital, the appropriate training will be provided to the health care workers and technicians susceptible to use, clean and repair the incubator. Importantly, this knowledge must remain with the incubator even when staff changes. An intuitive user interface, partly relying on pictograms, will assure optimal and secure use of the incubator even by untrained staff.

Environment of use

Setting: Rural settings, urban settings, indoors, secondary level (general hospital), tertiary level (specialists hospital), ambulances.

Energy requirements: Continuous power supply.

Commercial information

Reference price (USD): 3000

Contact Klaus Schonenberger | Telephone +41 21 693 60 83 | Web <https://bit.ly/2mkLvsa>