



## VaxUltima

Electronic Shipping Indicator



### Auto-generated Secure PDF Report

Automatically Generated secure PDF report  
No software require to access file



### Integerated USB Port

Integrated USB to download data  
report without additional interface or cable



### NIST Calibration Certificate

NIST Traceable calibration certificate included for proven  
accuracy and to comply with regulations



### Slim and Compact Design

Compact and slim design with non corrodible plastics allows placement in the  
vaccine box without using extra space



### IP65 Protection Rating

Waterproof casing ensures continuous logging  
even in complex environment



### Intuitive LCD Indication

LCD Shows, Battery levels, Current temperature, start delay time left,  
alarm and running status, trip duration, first alarm time and temperature  
each thresholds, elapsed trip duration, capable of photo copying



### Designed life time warranty

## Order Codes

WHO-TYPE C

WHO-TYPE A/B

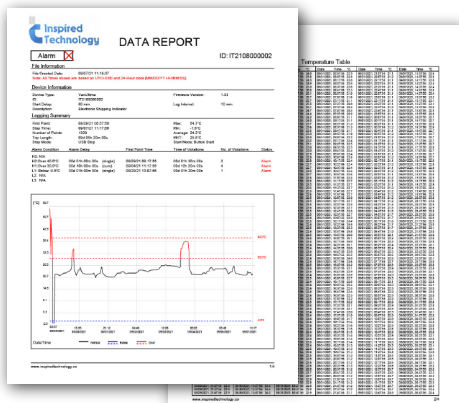
WHO-TYPE RotaTeq<sup>®</sup>

WHO-TYPE Prevenar<sup>®</sup>

## Technical Specifications

Recording Period	Above 40 days
Pre Programmable Options	111 days at 5 minutes recording Interval 222 days at 10 minutes recording interval
Connectivity   Sensor Type	USB 2.0, Type-A   Internal
Operating Temperature Range	-30°C~+60°C
Temperature Accuracy	±0.5°C(-20°C~+40°C), ±1°C(others)
Temperature Resolution	± 0.1°C
Time Accuracy	± 5 Seconds per day
Transport & Storage Conditions	Temperature : -30°C ~ +60°C
	Humidity : 0% RH to 95% RH
Data storage capacity	32000 data points
Start Mode	Press start button for 3 sec
Stop Mode	Press stop button for 3 sec
Start Delay	60 Minutes As Per WHO/PQS/E006/TR07.4 Performance Specification
Logging Interval	Preprogrammed, available with two Versions 5 minutes or 10 minutes as per the request. Pre programmable upto (10s-18H)
Time Zone	UTC-00:00(default) Others on request
Alarm Range	As Per WHO/PQS/E006/TR07.4 Performance Specification
Alarm Delay	As Per WHO/PQS/E006/TR07.4 Performance Specification
Report Generation	Automatic PDF/CSV Secured Report Generation
Protection Grade	IP65
Certifications	CE, FCC
Validation	NIST Traceable calibration certificate
Dimensions	95.5mm X 49.0mm X 7.8mm
Weight	30g

## Applications



Sea Freight & Air Freight



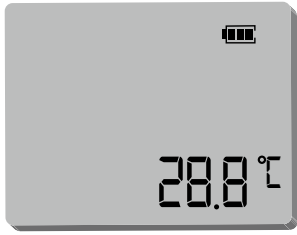
Distribution & Last Mile Delivery



Storage & Freezer Monitoring

## LCD Screen Features Indicates

1. Battery level and current ambient temperature

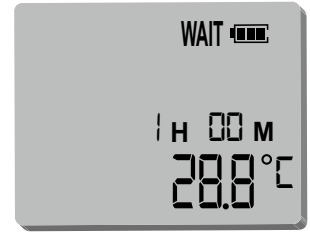


It will show the current temperature and battery level

2. When Connected with computer

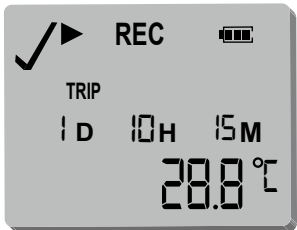


3. Pre programmed start delay counter & current ambient temperature



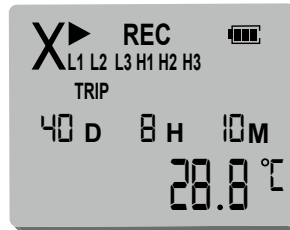
1H 00M Indicates preprogrammed start delay 1 hour and current ambient temperature

4. Recording status, Alarm status, Trip days,time, temperature.



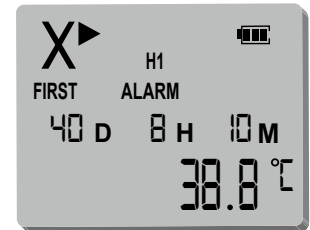
Indicator in recording mode, Alarm status(OK), 1D 10H 15M indicates first day of trip and time 10:15, With current ambient temperature

5. Alarm status, Recording status, Three low alarm thresholds, Three high alarm type, Triggered alarms, Trip days,time, temperature



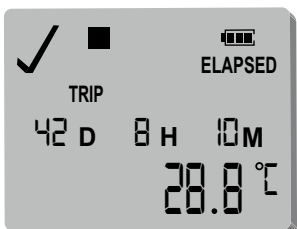
Indicates alarmed, recording, all triggered alarms, 40D 8H 10M denotes 40th day of trip and time is 08H: 10M GMT 00:00

6. Alarm status, Recording status, Triggered alarm threshold type, First alarm day and time of each thresholds, First alarm triggered temperature of each thresholds



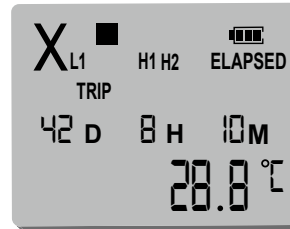
Above display denoted alarm triggered for H1, First alarm triggered on 40th day of trip at 08:10 GMT 00:00

7. Indicates alarm status (OK), Indicator Stopped recording, Elapsed trip duration, Current temperature.



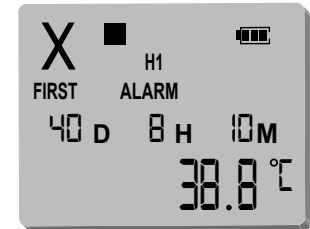
Display for Photocopying, Indicator stopped, no alarm triggered, 42D 8H 10M denotes total trip duration as 42days 8 hours and 10minutes

8. Indicates alarm status(Alarmed), Indicator stopped recording, Triggered alarm thresholds, Elapsed trip duration, Current temperature



Display for photocopying, Indicator stopped, Alarm triggered, 42D 8H 10M denotes total trip duration as 42days 8 Hours 10 minutes and current temperature

9. Indicates Alarm status(Alarmed), Indicator stopped, Triggered threshold type, First alarm time and temperature of each type



After stopping the indicator, display denoted alarm triggered for H1, First alarm triggered on 40th day of trip at 08:10 GMT 00:00 and alarmed temperature

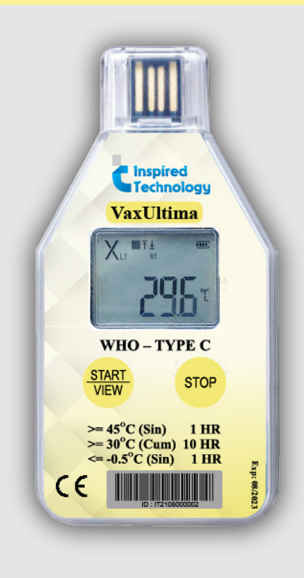
# ORDER CODES

## 1. WHO-TYPE C

Temperature	Alarm Type	Period for triggering the alarm
High threshold	$\geq 45^{\circ}\text{C}$ Single event	1 hour
Medium threshold	$\geq 30^{\circ}\text{C}$ Cumulative exposure	10 hours
Low threshold	$\leq -0.5^{\circ}\text{C}$ Single event	1 hour

Type C - previously called Type 1: WHO - recommended alarm settings for international shipment of DTP, DT, DTP - HepB - Hib, Hib (liquid), HepA, HepB, HPV, Influenza seasonal (liquid), Meningococcal ACYW - 135 (liquid), OCV, PCV (other than prevnar), Rabies, RV, (liquid and other than Bharat liquid), TT, Td.

## SHIPPING CARD



**Use only for DTP, DT, TT, Td, Hep B, IPV, liquid Hib, MenAfrivac, HPV, PCV (Not for Prevenar), JE inactivated.**

**SENDER**

1. Prepare the shipping container.
2. Break off the twin label with bar code and stick it onto the shipping documents.
3. Activate VaxUltima by pressing and holding the start button for 5 seconds with a start delay of 1 hour.
4. Complete the card below in ball point pen.
5. Insert this card, with the activated device attached, into the shipping container.
6. Seal the shipping container.

Supplier name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
dd.mm.yyyy hh:mm

Vaccine PO number: \_\_\_\_\_

Vaccine: \_\_\_\_\_


**RECEIVER: please turn the card!**    ⇄⇄

**RECEIVER**

1. On arrival, remove VaxUltima from the shipping container immediately.
2. To stop monitor, press and hold stop button for 5 seconds and verify the stop icon ■ on LCD
3. Read the LCD display and follow the instructions as described below.

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**OK DISPLAY**



If OK, use vaccines normally.

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**ALARM DISPLAY**



If VaxUltima displays an alarm please proceed according to the decision table below:

Alarm temperature	What to do with vaccines:
$\geq 45^{\circ}\text{C}$	Contact procurement agency
$\geq 30^{\circ}\text{C}$	Contact procurement agency
$\leq -0.5^{\circ}\text{C}$	Conduct Shake Test. Use vaccines if passes. Inform procurement agency of test result.

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# ORDER CODES

## 2. WHO-TYPE A/B

Temperature	Alarm Type	Period for triggering the alarm
High threshold	>=45°C Single event	1 hour
Medium threshold	>=30°C Cumulative exposure	10 hours
Low threshold	>=10°C Cumulative exposure	20 hours

Type A/B - previously called Type 2: WHO - recommended alarm settings for international shipments of OPV, BCG, Hib lyophilized, Influenza seasonal (lyophilized), JE lyophilized, measles, MR, MMR, meningococcal A, Meningococcal ACYW 135 (lyophilized) rabies (lyophilized), rotavirus (Bharat liquid and lyophilized - other than Rota Teq), rubella, varicella, yellow fever

## SHIPPING CARD



**Use only for OPV, freeze-dried BCG, measles, MR, MMR, lyophilized Hib, yellow fever, Meningitis (Polysaccharide), Rabies, Rotavirus (Not for RotaTeq®), JE live.**

### SENDER

1. Prepare the shipping container.
2. Break off the twin label with bar code and stick it onto the shipping documents.
3. Activate VaxUltima by pressing and holding the start button for 5 seconds with a start delay of 1 hour.
4. Complete the card below in ball point pen.
5. Insert this card, with the activated device attached, into the shipping container.
6. Seal the shipping container.

Supplier name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
dd.mm.yyyy hh:mm

Vaccine PO number: \_\_\_\_\_

Vaccine: \_\_\_\_\_

**RECEIVER: please turn the card!** ⇌

### RECEIVER

1. On arrival, remove VaxUltima from the shipping container immediately.
2. To stop monitor, press and hold stop button for 5 seconds and verify the stop icon ■ on LCD
3. Read the LCD display and follow the instructions as described below.

### OK DISPLAY



If OK, use vaccines normally.

### ALARM DISPLAY



If VaxUltima displays an alarm please proceed according to the decision table below:

Alarm temperature	What to do with vaccines:	
	OPV only	Other vaccines
>= 45° C	Contact procurement agency	Contact procurement agency
>= 30° C	Contact procurement agency	Contact procurement agency
>= 10° C	Contact procurement agency	Accept

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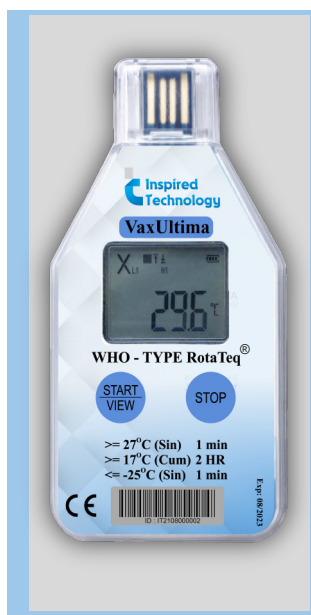
# ORDER CODES

## 3. WHO-TYPE RotaTeq®

Temperature	Alarm Type	Period for triggering the alarm
High threshold	$\geq 27^{\circ}\text{C}$ Single event	1 minute
Medium threshold	$\geq 17^{\circ}\text{C}$ Cumulative exposure	2 hours
Low threshold	$\leq -25^{\circ}\text{C}$ Single event	1 minute

Type Rota Teq : WHO-recommended alarm settings for international shipment of Rotavirus vaccine from manufacturer Merck Sharp and Dohme

# SHIPPING CARD



**Use only for RotaTeq®**

**SENDER**

1. Prepare the shipping container.
2. Break off the twin label with bar code and stick it onto the shipping documents.
3. Activate VaxUltima by pressing and holding start button for 5 seconds with a start delay of 1 hour.
4. Complete the card below in ball point pen.
5. Insert this card, with the activated device attached, into the shipping container.
6. Seal the shipping container.

Supplier name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 dd.mm.yyyy hh:mm

Vaccine PO number: \_\_\_\_\_


Vaccine: \_\_\_\_\_

**RECEIVER: please turn the card!** ⇨⇨

**RECEIVER**


1. On arrival, remove VaxUltima from the shipping container immediately.
2. To stop monitor, press and hold stop button for 5 seconds and verify the stop icon ■ on LCD
3. Read the LCD display and follow the instructions as described below.

**OK DISPLAY**



If OK, use vaccines normally.

**ALARM DISPLAY**



If VaxUltima displays an alarm please proceed according to the decision table below:

Alarm temperature	What to do with vaccines: RotaTeq® only
$\geq 27^{\circ}\text{C}$	Contact procurement agency
$\geq 17^{\circ}\text{C}$	Contact procurement agency
$\leq -25^{\circ}\text{C}$	Contact procurement agency

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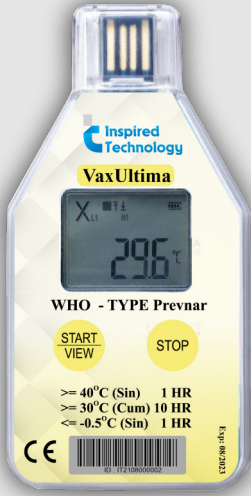
# ORDER CODES

## 4. WHO-TYPE Prevenar

Temperature	Alarm Type	Period for triggering the alarm
High threshold	$\geq 40^{\circ}\text{C}$ Single event	1 hour
Medium threshold	$\geq 30^{\circ}\text{C}$ Cumulative exposure	10 hours
Low threshold	$\leq -0.5^{\circ}\text{C}$ Single event	1 hour

Type Prevnar : WHO - recommended alarm settings for international shipments of pneumococcal vaccine from manufacturer pfizer

## SHIPPING CARD



**Use only for Prevenar 7 & 13**

**SENDER**

- Prepare the shipping container.
- Break off the twin label with bar code and stick it onto the shipping documents.
- Activate VaxUltima by pressing and holding the start button for 5 seconds with a start delay of 1 hour.
- Complete the card below in ball point pen.
- Insert this card, with the activated device attached, into the shipping container.
- Seal the shipping container.

Supplier name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
dd.mm.yyyy hh:mm

Vaccine PO number: \_\_\_\_\_

Vaccine: \_\_\_\_\_

**RECEIVER: please turn the card!**      ⇨⇨

**RECEIVER**

- On arrival, remove VaxUltima from the shipping container immediately.
- To stop monitor, press and hold stop button for 5 seconds and verify the stop icon  on LCD
- Read the LCD display and follow the instructions as described below.

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**OK DISPLAY**

✓

If OK, use vaccines normally.

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**ALARM DISPLAY**

X

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If VaxUltima displays an alarm please proceed according to the decision table below:

Alarm temperature	What to do with vaccines: Prevenar 7 & 13 only
$\geq 40^{\circ}\text{C}$	Contact procurement agency
$\geq 30^{\circ}\text{C}$	Contact procurement agency
$\leq -0.5^{\circ}\text{C}$	Conduct Shake Test. Use vaccines if passes. Inform procurement agency of test result.

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