ÆROcheck®

Pulse Oximeters | Sensors, Patient and Adapter Cables | Thermometer

Patient Monitoring

Innovative technology combined with easy handling

HUM
Systems for Life®

AEROcheck® - Fingertip Pulse Oximeter - PO11-FCH

Handy finger pulse oximeter for measuring of partial oxygen saturation, high quality version, suitable for adults and children. Can be used everywhere, comfortable, quick and precise. Delivery including finger pulse oximeter, storage bag, carrying lanyard and batteries ❶ - ❹.

Exact

- Displayed parameters: SpO_2 | Pulse rate | Pulse bar | Plethysmogram | Battery capacity
- Clinically approved measurement accuracy

Clear

- Dual colour display, 360° adjustable by pressing button (6 display modes)
- Brightness adjustments 1 - 10

Durable

- High quality materials and processing
- Finger case made of high quality silicone
- Stable battery compartment with hinged cover

Fields of application

- Homecare
- Hospital
- Medical practices
- Other medical facilities
- Sports sector
- At home

One-button operation for display indicator and brightness

Robust spring mechanism

Comfortable haptic by silicone finger case

Further models are available upon request

Item No.		HPO11-FCH
Technical Data		
Dimensions (L x W x H)		60 x 38 x 34 mm
Weight		60 g (including batteries)
Power supply		2 batteries, type 1.5 V AAA
Operating Time		Approx. 30 hours
SpO2	**Measurement range**	70 % ~ 99 %
	Resolution	1 %
	Accuracy	70 % ~ 99 % ± 3 % | 0 % ~ 69 % no definition
Pulse Rate	**Measurement range**	30 ~ 235 bpm
	Resolution	1 bpm
	Accuracy	30 ~ 99 bpm ± 2 bpm | 100 ~ 235 bpm ± 2 %
Alarm (optical)		Battery-low indication
Auto. Power on		After putting in the finger
Auto. Power off		After 8 seconds without signal

AEROcheck® - sat 801+

Light-weight and handy pulse oximeter for maximum mobility, with all important equipment features. Brilliant multicolour TFT display, integrated protective collar, with various connections.

Ideal for long-term monitoring and Spot-Check measurement in the fields of homecare, emergency medical service and hospital

coloured

22 h Li-Ion-Mn battery

MADE IN GERMANY ★★★

AEROcheck® - sat 805

Pulse oximeter with exemplary ease of use and comprehensive equipment features. Large display with brilliant LCD display, multifunction rotary switch, large data memory and various interfaces.

Ideal for long-term monitoring in the fields of homecare, clinic and sleep lab

22 h Li-Ion battery

MADE IN GERMANY ★★★

- With proven Masimo SET® Technology for reliable monitoring of oxygen saturation, even under most difficult operating conditions
- FastSAT® - Fast Saturation Algorithm for rapid detection and display of abrupt SpO_2 changes and Signal IQ® indicator for accurate assessment of signal quality during movement and low perfusion
- 22-hour Li-Ion-Mn or Li-Ion battery, display of SpO_2, pulse rate, perfusion index (PI), plethysmogram, Signal IQ®, alarms (optical and acoustic), alarm limits, battery capacity and remaining memory capacity

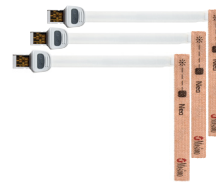### Scope of delivery

Transport bag

Power adapter Europe

Masimo RD SET® patient cable 1.52 m

3 x Masimo RD SET® - Sensors Neonates (< 3 kg oder > 40 kg)

Upon request, the systems are also available with LNCS® Technology and / or other sensors

Model / Specifications	Item No.	
	HPO02-801+ (sat801+)	**HPO02-805 (sat805)**
Dimensions (L x W x H)	128 x 85 x 46 mm	92 x 240 x 104 mm
Weight	230 g incl. battery	900 g incl. battery
Power supply	100-240 V ~50 Hz / 5 V DC 1 A	100-240 V ~50 / 60 Hz / 9.3 V DC +/-1 % / 1.29 A - 12 VA
Internal power supply	Li-Ion-Mn battery 2 x 3.6 V / 2 x 2250 mAh	Li-Ion battery 7.2 V / at least 3600 mAh
Battery operating time	22 hours guaranteed	
SpO_2 — Display	1 - 100 %	
SpO_2 — Accuracy	Without motion, 70 - 100 % | +/- 2 digits adults, children; +/- 3 digits newborns	
	With motion, 70 - 100 % | +/- 3 digits adults, children, newborns	
SpO_2 — Resolution	1 %	
Pulse — Display	25-240 1/min	
Pulse — Accuracy	Without motion 25-240 1/min+/- 3 digits | With motion 25-240 1/min+/- 3 digits	
Pulse — Resolution	1 1/min	
Perfusion display range	0.02 - 20 %	
Alarms	SpO_2, pulse, battery, sensor, system	
Memory	Internal memory and optional microSD or SD card available	

AEROcheck® - Bags | Power Supply | Brackets

Transport bags, Power adapters Europe, brackets and remote alarm cables for stationary use for AEROcheck® - sat 801+ or sat 805.

With integrated wall rail claw

Exemplary product presentation, delivery without claw

Description	Item No.	
	sat 801+	**sat 805**
Transport bag	❶ HPO02-800/801-T	❷ HPO02-805-T
5 m remote alarm cable with RJ-12 plug connection	-	❸ HPO02-805-KAF
Power adapter Europe	❹ HPO02-801-NTEU	❺ HPO02-805/816-NTEU
Brackets with integrated wall rail claw	❻ HPO02-800/801-H	❼ HPO02-805-H

AEROcheck® - satView

Software for the efficient management and analysis of data for AEROcheck® - Pulse Oximeters sat 801+ and sat 805.

Intuitive user interface, fast data analysis, database functionality as well as easy reporting.

* Software version 1.1.9, without displaying ODE and ODI available for free

From software version 1.2.0 one-time license fee per computer / installation

Technical specifications		Item No.
Compatibility	Server 2008, Windows XP, Vista, 7, 8 and 10, Mac OS X (CrossOver)	
Display of the time courses	SpO_2, pulse, Signal IQ®	HPO02-SW-SATVIEW
Data analysis	Statistics, desaturations	
Depictable events	Alarms, alarm suppressions, desaturations, individual markings	

AEROcheck®

Masimo - Sensors, Patient and Adapter Cables

We provide you with an extensive range of RD SET® and LNCS® Sensors for single-patient-use as well as reusable sensors. Patient and adapter cables as well as various accessories are also available. Whether for use with our pulse oximeters or as individual products - we would be glad to advise you on our products!
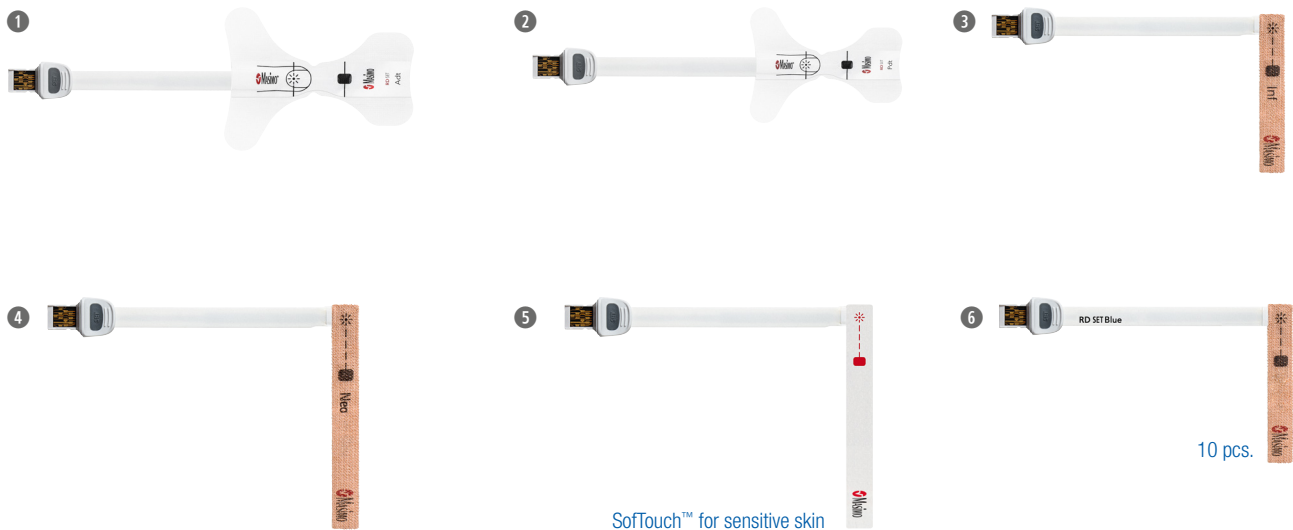
Usable with AEROcheck® - sat 801+ and AEROcheck® - sat 805 - Pulse Oximeters

Masimo RD SET® - Sensors

Single-patient-use

Featuring Masimo SET® Measure-through Motion and Low Perfusion™ Technology, with improved SpO_2 accuracy in conditions of motion and no motion. 'Fold-over Style' sensors, available in sizes for adults and children as well as 'Wrap-around-Style' sensors, available in sizes for adults, children, infants and neonates. Non-sterile, does not contain natural rubber latex, each with 20 adhesive sensors (Blue® 10 pieces ❻).

10 pcs.

SofTouch™ for sensitive skin

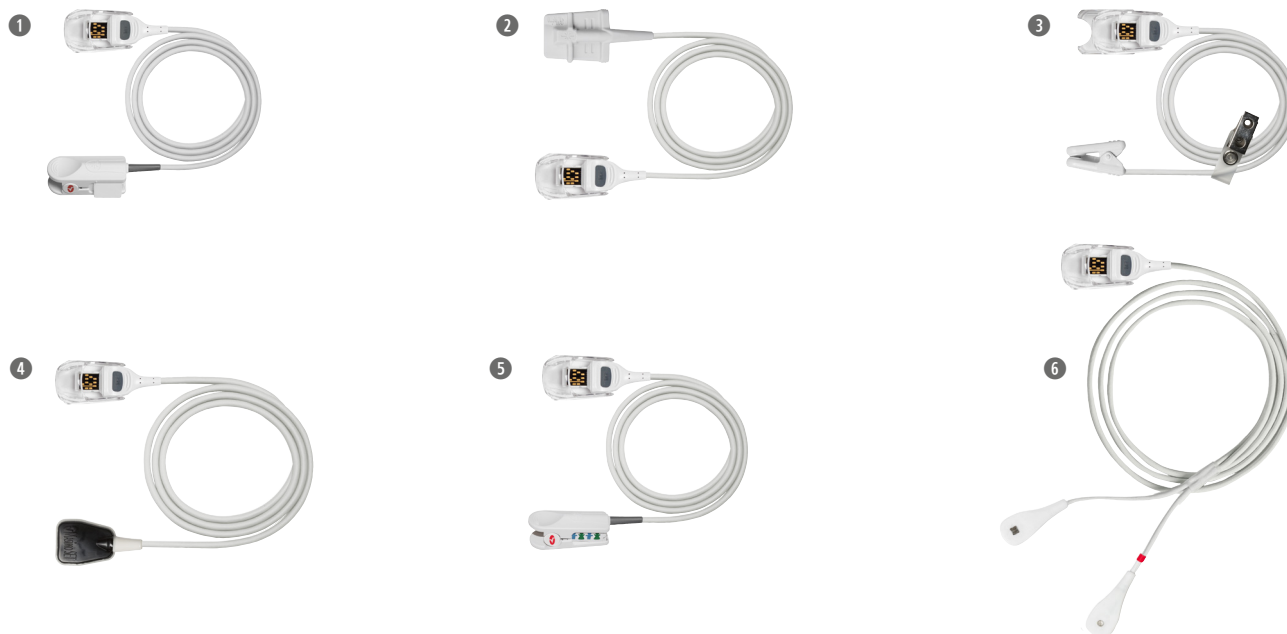| RD SET® - SpO_2 Sensors				
Patient	**Body weight**	**Monitoring site**	**Description**	**Item No.**
Adults	> 30 kg	Finger or toe	RD SET Adt	❶ HPO15-ADT
Children	10 - 50 kg		RD SET Pdt	❷ HPO15-PDT
Infants	3 - 20 kg	3 - 10 kg, thumb or great toe ❙ 10 - 20 kg, finger or toe	RD SET Inf	❸ HPO15-INF
Neonates	< 3 kg / > 40 kg	Hand or foot ❙ Finger or toe	RD SET Neo	❹ HPO15-NEO
	< 1 kg	Hand or foot	RD SET NeoPt	❺ HPO15-NEOPT
Neonates, cyanotic	> 2.5 - 30 kg	Thumb or great toe	RD SET Blue®	❻ HPO15-BLUE
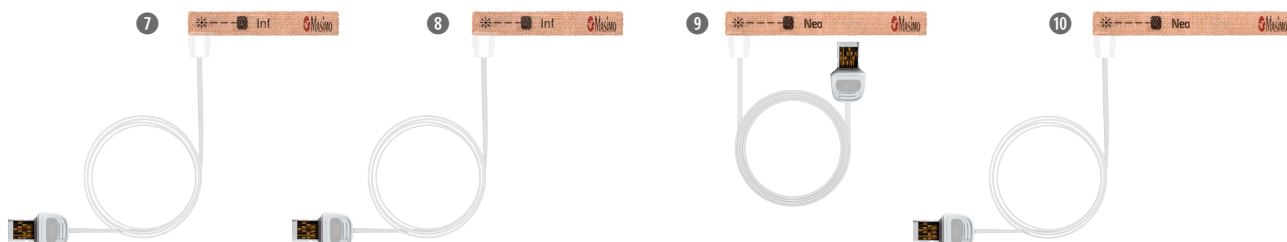
RD SET® - Cabled Sensors I With extended cable				
Patient	**Body weight**	**Monitoring site**	**Description / Length**	**Item No.**
Infants	3 - 20 kg	3 - 10 kg, thumb or great toe 10 - 20 kg, finger or toe	RD SET Inf CS-2 / 2 ft	❼ HP015-INF-CS2
			RD SET Inf CS-3 / 3 ft	❽ HP015-INF-CS3
Neonates	< 1 kg	Hand or foot	RD SET Neo CS-2 / 2 ft	❾ HP015-NE02
	< 3 kg / > 40 kg	Hand or foot I Finger or toe	RD SET Neo CS-3 / 3 ft	❿ HP015-NE03

Masimo RD SET® - Sensors

Reusable Sensors

Sensors for adults and children as well as universally applicable, for various monitoring sites. Featuring Masimo SET® Measure-through Motion and Low Perfusion™ Technology.


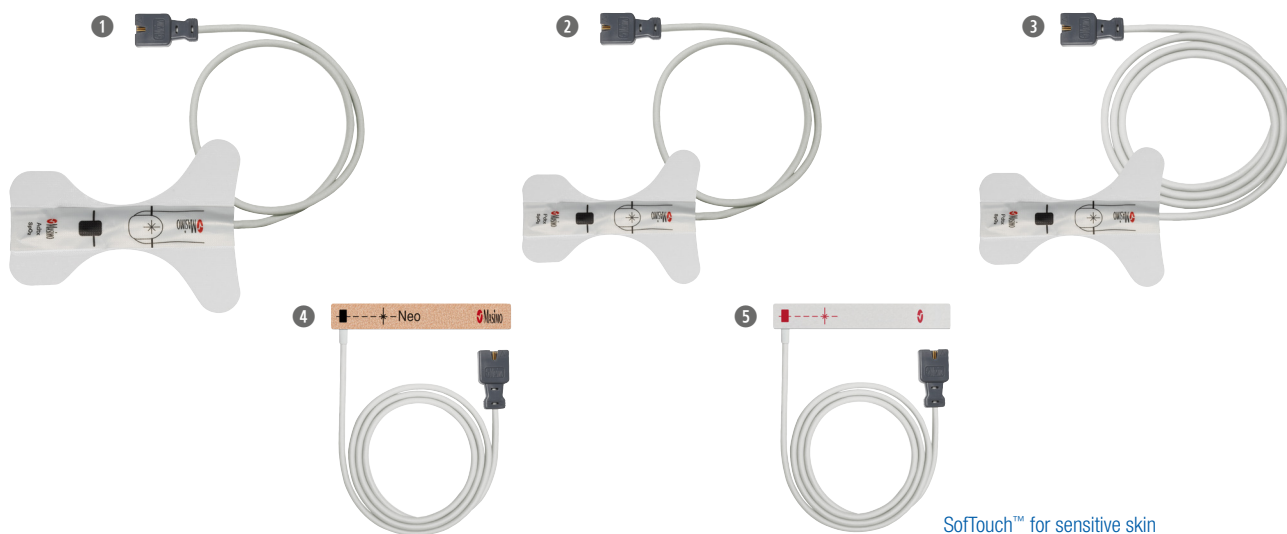| **Patient**	**Body weight**	**Monitoring site**	**Description**	**Item No.**
Adults	> 30 kg	Finger	RD SET DCI® / Digit Clip Sensor	❶ HP015-DCI
		Middle or ring finger	RD SET DBI / Soft Sensor	❷ HP015-DBI
		Ear	RD SET TC-I / Tip-Clip Ear Sensor	❸ HP015-TCI
		Forehead	RD SET TF-I / Transflective	❹ HP015-TFI
Children	10 - 50 kg	Finger or toe	RD SET DCI-P / Digit Clip Sensor	❺ HP015-DCIP
Neonates	> 1 kg	Div. applications	RD SET Y-I / Universally applicable	❻ HP015-YI

Further RD SET® Sensors are available upon request

Masimo LNCS® - Sensors

## Single-patient-use

Low Noise Cabled Sensors (LNCS), featuring Masimo SET® Measure-through Motion and Low Perfusion™ Technology, with excellent SpO_2 performance. 'Fold-over Style' sensors, available in sizes for adults and children as well as 'Wrap-around-Style' sensors, available in sizes for adults, children, infants and neonates. 9-pin connector / DB9 connector for compatibility with LNC patient cables or M15 connector ⑫ - ⑯. Non-sterile, does not contain natural rubber latex, each with 20 adhesive sensors.

SofTouch™ for sensitive skin

LNCS® - SpO₂ Sensors				
Patient	Body weight	Monitoring site	Description / Length	Item No.
Adults	> 30 kg	Finger or toe	LNCS Adtx / 18 inch	❶ HPO14-ADTX
Children	10 - 50 kg	Finger or toe	LNCS Pdtx / 18 inch	❷ HPO14-PDTX
			LNCS Pdtx-3 / 0.91 m (3 ft)	❸ HPO14-PDTX3
Neonates	< 3 kg / > 40 kg	Hand or foot I Finger or toe	LNCS Neo-L / 0.91 m (3 ft)	❹ HPO14-NEOL
	< 1 kg	Hand or foot	LNCS NeoPt-L / 0.91 m (3 ft)	❺ HPO14-NEOPTL

SofTouch™ for sensitive skin

SofTouch™ for sensitive skin

LNCS® - Sensors I With replaceable wrap I 9-pin connector				
Patient	Body weight	Monitoring site	Description / Length	Item No.
Infants	3 - 20 kg	Thumb or great toe	LNCS Inf / 18 inch	❻ HPO14-INF
			LNCS Inf-3 / 0.91 m (3 ft)	❼ HPO14-INF3
Neonates	< 3 kg / > 40 kg	Hand or foot I Finger or toe	LNCS Neo / 18 inch	❽ HPO14-NEO
			LNCS Neo-3 / 0.91 m (3 ft)	❾ HPO14-NEO3
	< 1 kg	Hand or foot	LNCS NeoPt / 18 inch	❿ HPO14-NEOPT
			LNCS NeoPt-3 / 0.91 m (3 ft)	⓫ HPO14-NEOPT3
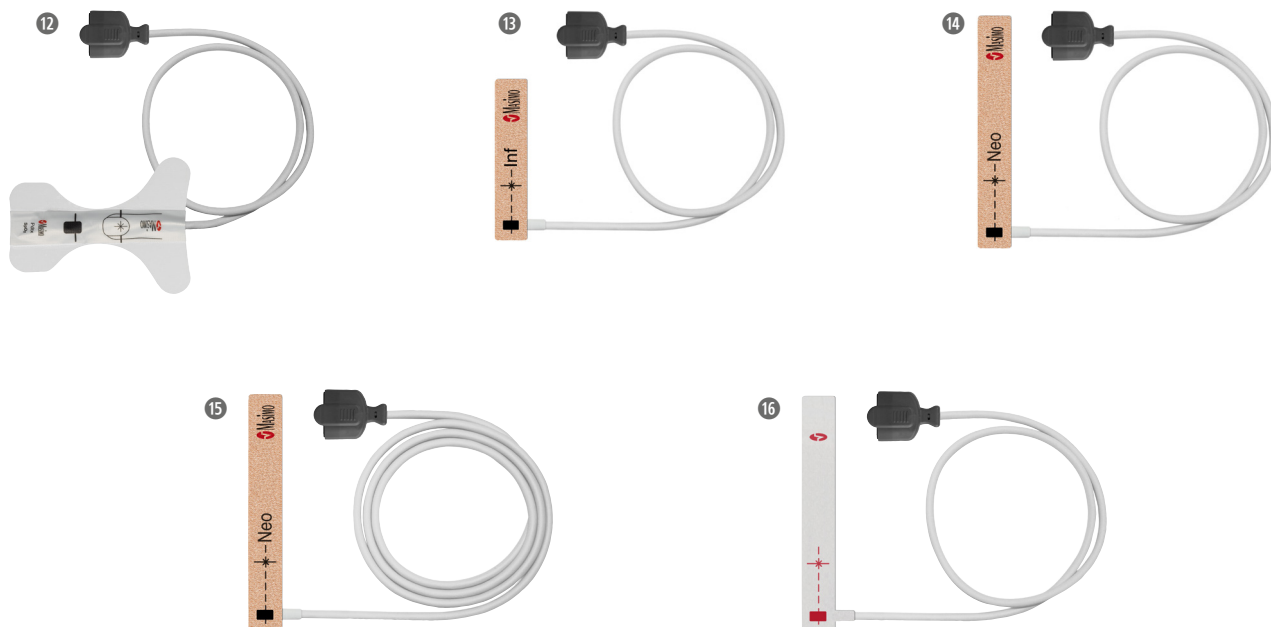
SofTouch™ for sensitive skin

M-LNCS® - Sensors l With replaceable wrap l M15 connector				
Patient	Body weight	Monitoring site	Description	Item No.
Children	10 - 50 kg	Finger or toe	M-LNCS-PDTX	⑫ HP014-M-PDTX
Infants	3 - 20 kg	Thumb or great toe	M-LNCS Inf / 18 inch	⑬ HP014-M-INF
Neonates	< 3 kg / > 40 kg	Hand or foot l Finger or toe	M-LNCS Neo	⑭ HP014-M-NEO
			M-LNCS Neo-3	⑮ HP014-M-NEO3
	< 1 kg	Hand or foot	M-LNCS NeoPt	⑯ HP014-M-NEOPT

Masimo LNCS® - Sensors

LNCS® - Specialty Sensors

Trauma and Newborn sensors with automatic consideration of the fastest SpO_2 and pulse rate readings at maximum sensitivity while supporting a fast application with a minimal adhesive attachment. Supplied with each 20 adhesive sensors ❶, ❹. Additional ear and forehead sensors for alternative monitoring sites, each with 10 adhesive sensors ❷, ❸.

SofTouch™ for sensitive skin

10 pcs.

10 pcs.

SofTouch™ for sensitive skin

Patient	Body weight	Monitoring site	Description	Item No.
Adults	> 30 kg	Finger	LNCS Trauma	❶ HP014-TRA
		Ear	LNCS E1® / 0.91 m (3 ft)	❷ HP014-E1
	> 10 kg	Forehead	LNCS TFA-1® / 0.91 m (3 ft)	❸ HP014-TFA1
Infants	3 - 30 kg	3 - 10 kg, thumb or great toe l 10 - 30 kg, finger or toe	LNCS-Newborn Inf/Pt	❹ HP014-NEOINF

Masimo LNCS® - Sensors

Reusable Sensors

Sensors for adults and children as well as universally applicable, for various monitoring sites, length 3 ft. Featuring Masimo SET® Measure-through Motion and Low Perfusion™ Technology, new cable connector design for improved moisture resistance and precise performance under conditions of movement and with low blood flow. Connection to all Masimo SET® - Oximeters via LNC® - Patient Cable.
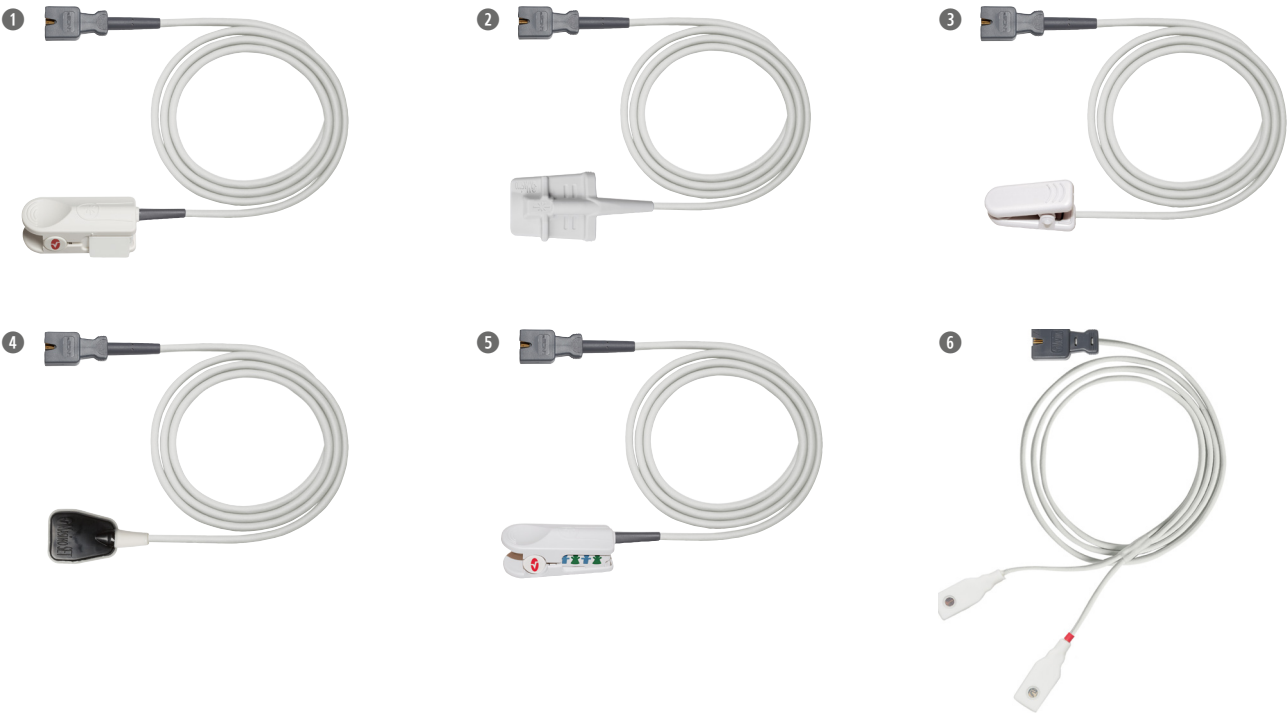
LNCS® - Reusable Sensors I With 9-pin connector				
Patient	**Body weight**	**Monitoring site**	**Description**	**Item No.**
Adults	> 30 kg	Finger	LNCS DC-I® / Digit Clip Sensor	❶ HPO14-DCI
		Middle or ring finger	LNCS DB-I / Soft Sensor	❷ HPO14-DBI
		Ear	LNCS TC-I / Tip-Clip Ear Sensor	❸ HPO14-TCI
		Forehead	LNCS TF-I / Transflective	❹ HPO14-TFI
Children	10 - 50 kg	Finger	LNCS DCI-P / Digit Clip Sensor	❺ HPO14-DCIP
Neonates	> 1 kg	Div. applications	LNCS-Y-I / Universally applicable	❻ HPO14-YI

LNCS® - Reusable Sensors I With M15 connector				
Patient	**Body weight**	**Monitoring site**	**Description**	**Item No.**
Adults	> 30 kg	Finger	M-LNCS DC-I®	❼ HPO14-M-DCI
		Middle or ring finger	M-LNCS DB-I / Soft Sensor	❽ HPO14-M-DBI

**Further LNCS® - Sensors are available upon request**

Masimo - Patient Cables

Reusable Masimo - Patient Cables, in different versions. Non-sterile, does not contain natural rubber latex.

RD SET® - Patient Cables		
Cable length	**Description**	**Item No.**
1.52 m	RD SET MD14 - 05 / 14-pin, 5 ft	❶ HPO15-K-PC05
1.52 m	RD SET MD20 - 0.5 / 20-pin, 5 ft	❷ HPO15-R-K-PC05
2.44 m	RD SET MD14 - 08 / 14-pin, 8 ft	❸ HPO15-K-PC08
3.66 m	RD SET MD14 - 12 / 14-pin, 12 ft	❹ HPO15-K-PC12

LNC® – und M-LNC® - Patient Cables		
Cable length	**Description**	**Item No.**
0.30 m	LNC-01 / 14-pin, 1 ft	❺ HPO14-K-PC01
1.22 m	LNC-04 / 14-pin, 4 ft	❻ HPO14-K-PC04
3.00 m	LNC-10 / 14-pin, 10 ft	❼ HPO14-K-PC10
4.27 m	LNC-14 / 14-pin, 14 ft	❽ HPO14-K-PC14
4.27 m	M-LNC-14 / 14-pin, 14 ft	❾ HPO14-M-K-PC14
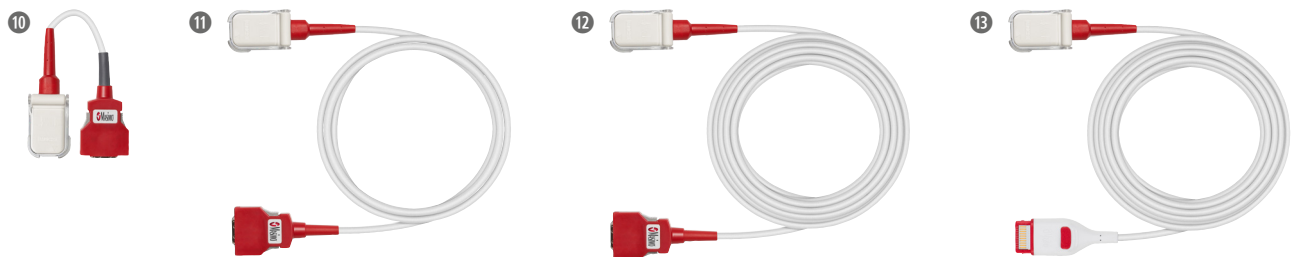
Red LNC® - Patient Cables		
Cable length	**Description**	**Item No.**
0.30 m	Red LNC-01 / 20-pin, 1 ft	❿ HPO14-R-K-PC01
1.22 m	Red LNC-04 / 20-pin, 4 ft	⓫ HPO14-R-K-PC04
3.00 m	Red LNC-10 / 20-pin, 10 ft	⓬ HPO14-R-K-PC10
3.00 m	Red LNC M20-10 / M20 LNCS, 10 ft	⓭ HPO14-RM-K-PC10

Further patient cables are available upon request

Masimo - Adapter Cables

Adapter cabels to connect RD SET® or M-LNCS to LNC.

Adapter Cables		
Cable length	Description	Item No.
0.46 m	RD SET to LNC / 1.5 ft	❶ HPO14-P005-AD
0.91 m	RD SET to LNC / 3 ft	❷ HPO14-P005-AD2
0.46 m	M-LNCS to LNC / 1.5 ft	❸ HPO14-M-PO14-AD

Further adapter cables are available upon request

Masimo - Mountable Extension Cables

**⊕ Accessories - Adapter and Extension Cables**

For use with DCSC, DBI-dc3 Direct Connect Sensors, RD SET® - MD14, LNC and M-LNC Patient Cables as well as Masimo 14-to-20-pin Adapter Cables.

Cable length	Description	Item No.
4.80 m	PXC2-16 / Extension Cable, 16 ft	❶ HPO14-K-PCX2-16
9.10 m	PXC2-30 / Extension Cable, 30 ft	❷ HPO14-VK-PC30

Masimo - Sensors | Accessories and Spare Parts

Replacement adhesive tapes available in different types as well as foam wrap ❻. Non-sterile, does not contain natural rubber latex.
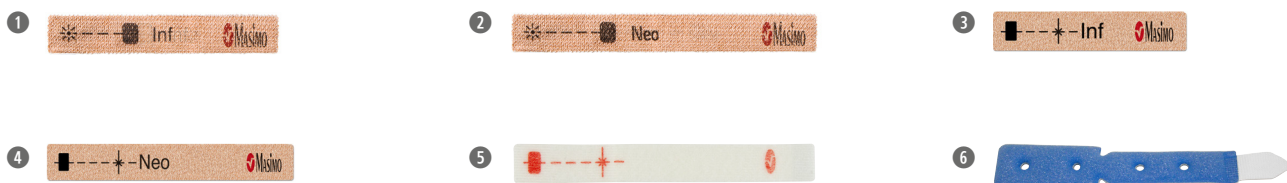
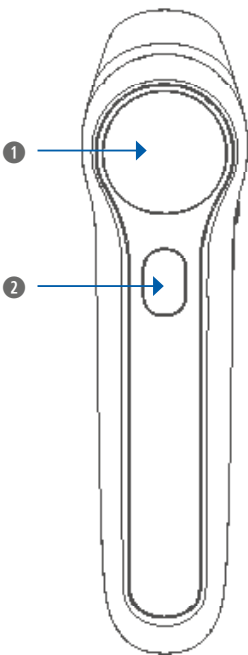| Description	Item No.
Adhesive tapes for RD SET Inf / Inf CS-2 / Inf CS-3 / RD SET Blue®, 102 pcs.	❶ HPO15-INF-PF
Adhesive tapes for RD SET Neo / Neo CS-2 / Neo CS-3, 102 pcs.	❷ HPO15-NEO-PF
Adhesive tapes for LNCS Inf / Inf-3, 102 pcs.	❸ HPO14-INF-PF
Adhesive tapes for LNCS Neo / Neo-3, 102 pcs.	❹ HPO14-NEOL-PF
Adhesive tapes for LNCS NeoPt / NeoPt-3 / Trauma, 10 pcs.	❺ HPO14-NEOPT-PF
Wrap for YI Sensor, 12 pcs.	❻ HPO02-KM-YI

Dual-Mode Infrared Thermometer

NEW PRODUCT

Infrared thermometer for the particularly fast and hygienic measurement of the body temperature. Suitable for contactless measurement within just 1 second, based on the infrared energy emitted by the eardrum or forehead. It can also be used for the temperature measurement of objects. Delivery including storage bag and batteries.
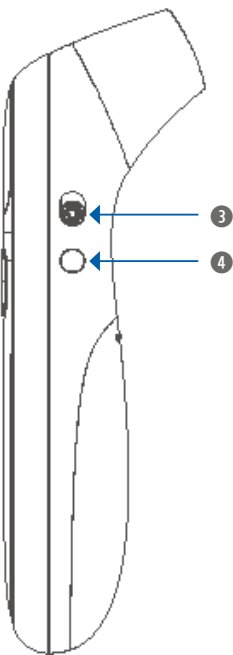
- Safe and hygienic measurement thanks to infrared technology
- For multiple use:
  - Forehead mode
  - Ear mode
  - Object mode
- Contactless measurement of body temperature - measuring distance of 1 - 3 cm for forehead and object use
- With magnetic protective cap for the measuring probe
- Adult and child mode to ensure more accurate results
- Temperature monitoring possible at all times thanks to muting
- Fever warning by means of a red display
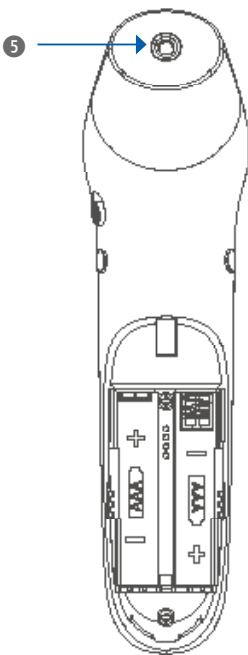- With battery-low indication

Item No.	JMP-JPD-FR300
Technical Data	

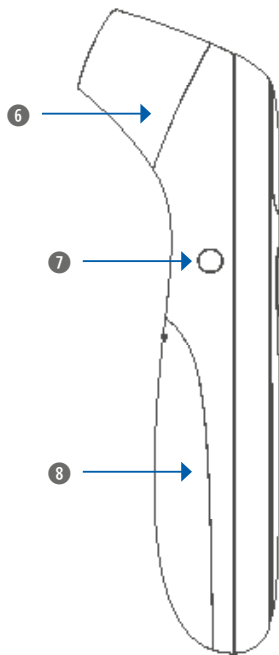|		
Display	**Type**	HD LCD Display
Measuring range & accuracy	**Forehead mode**	35 - 42.2 °C ± 0.2 %
	Ear mode	35 - 42 °C ± 0.2 %
	Object mode	0 - 100 °C ± 1.0 %
Further performance data	**Display resolution**	0.1 °C
	Memory storage	20 sets of measurement data
	Auto. Power off	10 s ± 1 s
Power supply	**Battery**	2 batteries, type 1.5 V AAA

❶ Display screen
❷ Power button / Measure button
❸ Unit switch button (˚C / ˚F)
❹ Mode button
❺ Probe
❻ Probe cover
❼ Memory button / Sound switch
❽ Battery cover

HUM
Systems for Life®

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Extract from the catalogue:
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