

Solaris Medical Technology, Inc., a U.S. based company, specializes in providing high quality patient monitoring systems and monitoring accessories. With its R&D and manufacturing facilities (ISO13485 certified) in China, Solaris is able to offer its customers cost effective, reliable, and high-performance products.



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Innovation, Flexibility & Reliability



Accessories for Patient Monitoring Systems

Multicompatible Reusable/Disposable SpO2 Sensors



S100-S400 Series:

Reusable Finger Sensors

Cable Length: 3' / 0.9m - 10' / 3m
 Application: Adult > 40 kg;
 Pediatric 10-40 kg
 Application site: Index or other finger



T100-T400 Series:

Reusable Soft-Finger Sensors (large, medium, small)

Cable Length: 3' / 0.9m - 10' / 3m
 Application: Adult > 40 kg;
 Pediatric 10-40 kg
 Application site: Index or other finger



W100-W400 Series:

Reusable Wrap Sensors

Cable Length: 3' / 0.9m - 10' / 3m
 Application: Adult > 40 kg; Neonate 1-4 kg;
 Pediatric 10-40 kg; Infant 3-15 kg
 Application site: Adult - index or other finger; Neonate - foot;
 Pediatric - index or other finger; Infant - great toe



Y100-Y400 Series:

Reusable Multisites "Y" Sensors

Cable Length: 3' / 0.9m - 10' / 3m
 Application: Adult > 40 kg; Neonate 1-4 kg;
 Pediatric 10-40 kg; Infant 3-15 kg
 Application site: Adult - index or other finger; Neonate - foot;
 Pediatric - index or other finger; Infant - great toe



D100-D400 Series:

One Patient Use Disposable Sensors (large, medium, small)

Cable Length: 3' / 0.9m - 10' / 3m
 Application: Adult > 40 kg;
 Pediatric 10-40 kg
 Application site: Index or other finger



DP100-DP400 Series:

Disposable Sensors

Cable Length: 3' / 0.9m - 10' / 3m
 Application: Adult > 40 kg; Neonate 1-4 kg;
 Pediatric 10-40 kg; Infant 3-15 kg
 Application site: Adult - index or other finger, Nose bridge; Neonate - foot;
 Pediatric - index or other finger; Infant - great toe

Compatible SpO2 Sensors

0.9m-3.0m Cable Length

Item	OEM	Type	Sections	Connector
1	BCI	S200A-090101		
2	Criticare (CSI)	S300A-090105		
3	Datascope	S300A-090106		
4	Datex-Ohmeda	S100A-090107		
5	Mindray	S100A-090103-1		
6	Nellcor	S100A-090103		
7	Newtech	S400A-090114		
8	Taidoc	S100A-090116		
9	Nihon kohden	S300A-090109		
10	Nonin	S100A-090110		
11	Novamatrix	S300A-090111		
12	Ohmeda	S300A-090112		
13	Nellcor (Oximax)	S100A-090115X		
14	Masimo	S100A-090108		

Technical Data

- ◆ **Accuracy:**
±3 digits (±1 SD), 70-100% SpO₂
- ◆ **Storage and Transport Environment:**
-40°C ~ +70°C
- ◆ **Biocompatibility:**
All patient contact materials are latex free and have been tested according to ISO10993-1.
- ◆ **LEDs:**
Red: 660nm nominal,
Infrared: 880/905/940nm nominal
- ◆ **Operating Temperature:**
+5°C ~ +40°C

Compatible SpO2 Sensors

3.0m Cable Length

Item	OEM	Type	Sections	Connector
1	Mindray	S100A-300177		
2	CSI	S300A-300177		
3	Datascope	S300A-300164		
4	Datex-Ohmeda	S100A-300011		
5	GE (Marquette)	S100A-300061		
6	GE (Masimo)	S100A-300061-1MA		
7	GE (Datex)	S100A-300061-2		
8	GE (Oximax)	S100A-300061-4X		
9	GE (Datex)	S100A-300061-2B		
10	Nihon Kohden	S300A-300023		
11	Nihon Kohden	S300A-300121		
12	Novamatrix	S300A-300042		
13	Invivo	S200A-300179		
14	Masimo	S100A-300073		
15	Philips (HP)	S100A-300025		
16	Mindray	S100A-300025-1		
17	Mindray (Masimo)	S100A-300025-3M		

Compatible SpO2 Sensors

3.0m Cable Length

Item	OEM	Type	Sections	Connector
18	Ohmeda	S300A-300046		
19	Siemens	S100A-300031		
20	Siemens Drager	S100A-160131		
21	Spacelabs	S100A-300050		
22	Spacelabs	S100A-300122		
23	Philips (HP)	S100A-300087		
24	GE	S100A-090123		
25	Mindray (Masimo)	S100A-300027M		
26	Mindray (Nellcor)	S100A-300028		
27	Mindray (Oximax)	S100A-300029X		
28	Mindray	S100A-300183 (1)		
29	Mindray (Masimo)	S100A-300183 (1) -2		
30	Mindray (Masimo)	S100A-300183 (2) -3		