



Device Description

This is a family of similar products manufactured to replace the original manufacturers product. Components have been carefully chosen to match the original manufacturers specification.

The MCI SpO₂ Finger Probe is recommended for shortterm SpO₂ monitoring on paediatric and adult patients. Pulse oximetry measures both arterial oxygen saturation (SpO₂) and pulse rate without skin penetration, electrical contact, or heat transfer.

MCI Finger Probes are a reusable clip-on sensor with the optical components protected in a hard plastic casing. The probes consist of three optical components, two light sources and a detector. The light sources are two light emitting diodes (LED), one Red (640-680 nm) and one Infrared (940-980 nm). The detector is a photodiode, which is an electrical device that produces a current proportional to the incident light intensity.

MCI. SpO₂ Finger Probe connects between the patient and a Pulse Oximeter

Flexible Probes

This probe consists of electronic parts identical to the finger probes but they are packaged in a bi-furcated Y cable. They use the same connectors.

Disposable probes also use the same electronic parts but are mounted in a low cost package to enable the product to be used once only.

Viamed's Part No.	Cross Reference of Model and Part Numbers	Length (mtrs)*	Original Manufacturer
P856RA	Explorer Monarch	0.9	Baxter
	556	0.9	Corometrics
	9700 Series	0.9	Critikon
	Vitalert 1000 Narkomed Cicero	0.9	Dräger
	Propaq 102 104 106	0.9	Envi Medical
	HG302 Module	0.9	Fukuda Denshi
	BP806	0.9	Gambro
	Miracle Adult, Neonatal System Merlin M1020A (Requires P924E8)	0.9	Hewlett Packard
	4500 Plus 2	0.9	InVivo
	405A	0.9	Ivy Medical
	Eagle 3100	0.9	Marquette
	2800-50 OP11A OP30 Escort 100 Escort II	0.9	Medical Data
	800-060-730 Horizon XL (Nellcor)	0.9	Mennen
	C-13-200M N-200 DS100A (Compatible with Nellcor derivatives. Requires P856E4 or P856E8)	0.9	Nellcor
	Propaq	0.9	Propaq
	4621643 4700708 DSNT	0.9	S & W Vickers
	1281	0.9	Siemens
	015-0150-00 90465/66/67/89 90651A-08 690-0003-00 (Nellcor). Requires P926E10	0.9	Spacelabs
P857RA	90651A-08 90419-01 90485 90489 90467 90466 90465 90351-DVG	3.7	Spacelabs
P858RA	9700 Series	3.4	Critikon
	N6000 N180E N180	3.4	Nellcor
P860RA	S-100e	3.7	Simed
P861RA	3044 3300 3301 3302	0.9	Biochem (BCI)
	Brüker	0.9	Brüker
	6006194 PSO1000	0.9	Elmed
P862RA	511SD/934SD 1100 1100-3 501 503 504 507 508 581 Poet Plus	3.7	Criticare
P863RA	0600-00-0026-02 Passport (Requires P963E10)	0.9	Datascope
P864RA	0600-00-0026-01 Accusol	3.7	Datascope
P865RA	9084 8700 Series	0.9	Critikon
	766721 767367 Oxyshuttle OMNI-SAT	0.9	Sensor Medics
P867RA	Tram System Modular System	3.7	Marquette
	800-060-540 Horizon XL (Ohmeda)	3.7	Mennen
	3780 4700 OxyStat Plus 4700 380-1000-042 6051-0000-049		
	OxyStat Modular CD	3.7	Ohmeda
P872RA	CH-25 Satellite ULTS00 Oscar II M-ESTPR CH-RS ULTSVO Cardio Cap II	3.7	Datex
	878579-1 SAS-4 CG-2CS CH-S CH-RS ULTSIO ULTSYT AS/3 OSP-200	3.7	Datex
P875RA	8660 500 Series	0.9	Novamatrix
	369-083-001 90419 90501 90651A-03 (Novamatrix)	0.9	Spacelabs
P876RA	8774 8776 505 511 515 520 7000 Oxypleth (Requires P92E2)	3.7	Novamatrix
P877RA	8997 Dinamap Oxytrak	0.9	Critikon
P878RA	9383 Scout ES 4500 Scout Scout + Scout + 1 Scout + 2 Scout + 3 Scout + 4	3.7	InVivo
P886RA	7840	3.7	Kontour

All manufacturers' trade marks and registered names recognised.

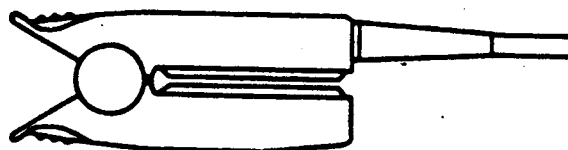
See full cross reference and extension cable listings for more detailed information.

*Lengths are approximate.

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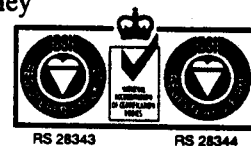


SpO₂ Finger Probe



Instruction Leaflet

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 West Yorkshire BD20 7DT
 Tel: 01535 634542 / 636757
 Fax: 01535 635582
 E-mail: info@viamed.co.uk



Replacement SpO₂ Probe

This compatible replacement adult oxygen saturation and pulse rate monitoring SpO₂ probe, is for use when continuous non-invasive arterial oxygen saturation and pulse rate monitoring are required for patients weighing greater than 40kg.

For use with product compatible oximeter. (See table on reverse)

Instructions for Use

An index finger is the preferred location for the sensor. Orientate the sensor so that the fingernail is directly under the sensor. Plug the sensor into the appropriate oximeter and verify proper operation in accordance with the original manufacture's oximeter manual.

NB: When selecting a sensor site, priority should be given to an extremity free of an arterial catheter, blood pressure cuff, or intravascular infusion line.

Reusable sensors may be used on the same site for a maximum of 4

Hours. Inspected the site is inspected routinely to ensure skin integrity and correct positioning. Because individual skin condition affects the ability of the skin to tolerate sensor placement, it may be necessary to change the sensor site more frequently with some patients.

NB: If the patient wears fingernail polish or artificial fingernails, choose a different probe site, or remove the fingernail polish or artificial fingernails.

Troubleshooting

The probe may not reliably track pulse and SpO₂ if the finger is incorrectly positioned within the sensor, or the sensor site is too thick, thin, or deeply pigmented to permit appropriate light transmission. If any of these situations occur, reposition the sensor.

Avoid any site that may have excessive ambient light, excessive motion, or electrical interference.

Not for use within MRI scanning suites.

Cleaning

Sensor may be surface cleaned with 70% isopropyl alcohol.

Do not immerse the sensor or connector in any liquid solution.

Do not autoclave this probe.

The SpO₂ finger probe will not be harmed by exposure to an ethylene oxide mixture at 49° to 54°C (120° to 130°F)

Note

Refer to the instrument operator's manual for complete instructions for use of the probe with the monitor.

Accuracy

Compatible to original manufacturers specification.

WARRANTY

This product is warranted for a period of 12 months from the date of purchase against defects in workmanship and materials by Viamed whose sole obligation under this warranty is to repair or replace the product.

To return the product under warranty the local distributor should be contacted for a return authorization.

Internal components are manufactured to our proprietary design specifications. Viamed does not have a licensing agreement with any original oximeter manufacturer.

Distributed by

Ce capteur SPO2 repositionnable, compatible, est scellé pour une utilisation sur patient unique pour un monitoring continu non invasif de la saturation artérielle en oxygène et de la fréquence de pouls chez des adultes de plus de 40 Kg.
A utiliser avec l'oxymètre compatible (cf. Tableau de conversion)

CONSEILS D'UTILISATION

L'index constitue le site préférentiel pour le capteur. Orienter le capteur de façon à placer l'ongle juste dessous. Brancher le raccord du capteur dans l'oxymètre approprié, et s'assurer du bon fonctionnement conformément au manuel d'utilisation de l'oxymètre.

Remarque: Lorsque vous sélectionnez le site du capteur, le choix doit se porter sur un membre sans cathéter artériel, brassard à tension ou voie intravasculaire de perfusion veineuse.

Les capteurs repositionnables peuvent être utilisés sur un même site pendant une période maximale de 4 heures, à condition d'inspecter régulièrement le site pour en vérifier l'intégrité de la peau ainsi que le bon positionnement. La qualité de la peau du patient peut affecter la tolérance à la pose du capteur. Il est donc parfois recommandé pour certains patients de changer le site d'application plus fréquemment.

Remarque: Si le patient porte du vernis (ou de faux ongles), veuillez utiliser un autre site d'application, ou ôter le vernis (ou le faux ongle).

EN CAS DE PANNE

Si le capteur ne peut détecter le pouls ou la saturation artérielle en oxygène de manière fiable, cela signifie que le doigt est mal positionné dans le capteur, ou que le site du capteur est trop épais, trop fin, ou encore beaucoup trop pigmenté pour permettre une transmission correcte de la lumière. Dans ce cas, repositionner le capteur.

Eviter tout site risquant d'être affecté par une lumière ambiante excessive, des mouvements excessifs ou une interférence électrique.

NE PAS UTILISER LE CAPTEUR PENDANT L'EXPLORATION PAR RMN. TOYAGE

Le capteur peut être nettoyé en surface avec de l'alcool (isopropyl) à 70%

Ne pas immerger le capteur ou le connecteur dans un liquide.

Ne pas restériliser.

Le capteur digital SPO2 ne sera pas endommagé par une exposition à un mélange d'oxyde éthylène de 49° à 54° C.

Remarque: Se reporter au manuel d'utilisation de l'appareil pour obtenir les instructions d'utilisation complètes du capteur avec le moniteur concerné.

Précision: Se conformer aux spécifications précisées par le fabricant.

GARANTIE

Ce produit est garanti 1 an depuis la date d'achat, pour tout défaut de fabrication et de matériel venant de VIAMED. La seule obligation de VIAMED sous garantie est de réparer ou de remplacer le produit.

Contactez le distributeur local pour tout retour sous garantie.

Les composants internes sont fabriqués selon nos spécifications. VIAMED n'a aucun accord de brevet avec aucun fabricant d'oxymètre.

Tableau de conversion des capteurs de SpO2

Notes références	Identification modèle, nom d'origine	Longueur (m)	Fabricant d'origine
P858RA	Explorer Monarch 556 9700 Series Vitalart 1000 Narcomed Cicero Propaq 102 104 106 HG302 Module BP808 Miracle Adult/Neonatal System Martin M1020A (Requires P924E8) 4500 Plus 2 405A Eagle 3100 2800-50 OP11A OP30 Escort 100 Escort II 800-080-730 Horizon XL (Nellcor) C-13-200M N-200 DS100A Propaq 4621643 4700708 DSNT 1281 015-0150-00 90485/86/87/89 90851A-08 860-0003-00 (Nellcor). Requires P926E10	0.9	Baxter Corometrics Criticum Dräger Erit Medical Fukuda Denoh Gambro Hewlett Packard InVivo Ivy Medical Marquette Medical Data Mennen Nellcor Propaq S & W Vickers Siemens Specolabs
P857RA	90851A-08 90419-01 90485 90486 90467 90468 90485 90351-DVG	3	Specolabs
P859RA	9700 Series N8000 N180E N180	3.65	Criticum Nellcor
P860RA	S-100e	3.65	Siemens
P861RA	3044 3300 3301 3302 Bruker 9006194 P8C1000	0.9	Biochem (BCI) Bruker Elmed
P862RA	511SD/9348D 1100 1100-3 501 503 504 507 508 581 Post Plus	3	Criticum
P863RA	0800-00-0026-02 Passport (Requires P863E10)	0.9	Datascope
P864RA	0800-00-0026-01 Accusort	3.65	Datascope
P865RA	9084 9700 Series 786721 787387 Oxyshuttle OMNI-SAT	0.9	Criticum Sensor Medics
P867RA	Trim System Modular System 800-080-540 Horizon XL (Ohmeda) 3700 4700 Oxystat Plus 4700 380-1000-042 8051-0000-049 Oxystat Modular CD	3.65	Marquette Mennen Ohmeda
P872RA	CH-25 Satellite ULTS00 Oscar II M-ESTPR CH-RS ULTSVO Cardlo Cap II 878578-1 SAS-F4 CG-2CS CH-S CH-RS ULTSIO ULTSVIAS3 OSP-200	3.65	Datex Datex
P873RA	CH-25 Satellite ULTS00 Oscar II M-ESTPR CH-RS ULTSVO Cardlo Cap II 878578-1 SAS-PF4 CG-2CS CH-S CH-RS ULTSIO ULTSVIAS3 OSP-200	0.9	Datex Datex
P875RA	8880 500 Series	3	Novametrics
P876RA	8774 8776 505 511 515 520 7000 Oxypleth (Requires P825E2) 388-083-001 90419 90501 90851A-03 (Novametrics)		Novametrics Specolabs
P877RA	8887 Dinamap Oxytrak	0.9	Criticum

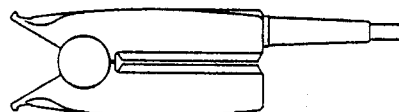


VIAMED



CAPTEURS SpO2

MODE D'EMPLOI ET RECOMMANDATIONS



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West Yorkshire BD20 7DT
United Kingdom



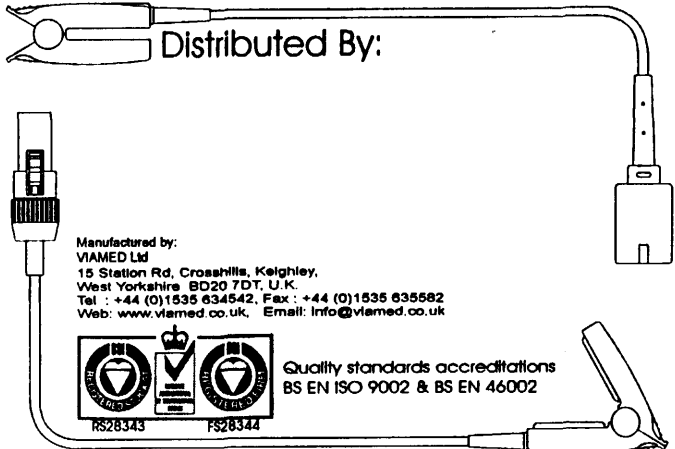
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**Description Chart To Aid The Identification & Selection
Of Viamed SpO₂ Probes**

Part Number	Main Compatible Manufacturers	Button Colour	Pad Colour	Cable Length		Connector Details				
				Feet (ft)	Metres (m)	Type	Colour Shell/Insert	Number Of Contact Positions	Gender	Pins/sockets Missing
P856RA	Nellcor	Blue	White	3	0.90	D	White	9	M	Pins 4 & 8
P857RA	Spacelabs	White	White	10	3.00	Hypertronics	Grey	12	M	Pins 5,6,7,9 & 10
P858RA	Nellcor	Blue	White	12	3.65	D	White	9	M	Pins 4 & 8
P859RA	Pace Tech	White	White	12	3.65	Switchcraft	Black	5	F	
P860RA	Baxter, Simed	White	White	12	3.65	Hypertronics	Black	9	M	Pins 2 & 5
P861RA	BCI	Orange	White	3	0.90	D	White	9	M	Pins 4 & 8
P862RA	Criticare	Purple	White	10	3.00	Lemo	Silver	5	M	
P863RA	Datascope	White	Black	3	0.90	D	White	9	M	Pin 8
P864RA	Datascope	White	Black	12	3.65	DIN	Black	8	M	
P865RA	Sensormedics	White	White	3	0.90	Compu-shield	Black	6	M	
P866RA	Baxter, Simed	White	White	12	3.65	Hypertronics	Black	9	M	Pins 2 & 5
P867RA	Ohmeda	Green	Black	12	3.65	Hypertronics	Black	9	M	Pins 3 & 6
P869RA	Criticare	Purple	White	3	0.90	D	White	9	M	Pins 3,7 & 8
P871RA	Nonin	White	White	3	0.90	D	White	9	M	Pins 4 & 8
P872RA	Datex	Tan	White	12	3.65	DPK1	Grey/Grey	10	F	Sockets 2,3 & 0
P873RA	Datex	Tan	White	3	0.90	D	White	9	M	Pins 2 & 8
P875RA	Novamatrix	Yellow	Black	10	3.00	Hypertronics	Black	7	M	Pin 7
P876RA	Novamatrix	Yellow	Black	10	3.00	Hypertronics	Black	7	M	Pin 7
P877RA	Critikon	White	White	3	0.90	D	White	9	M	Pins 7, 8 & 9
P878RA	Invivo	White	White	10	3.00	Lemo	Silver	7	M	
P886RA	Kontron	White	White	12	3.65	KPK1	Grey/Maroon	12	M	Pins 1,2,4,6,9 & 11
P887RA	Spacelabs	Yellow	Black	12	3.65	Hypertronics	Grey	12	M	Pins 5,6,7,8 & 12
P888RA	S & W	Green	Black	12	3.65	SPK1	Grey/Purple	10	F	Sockets 3 & 6
P889RA	Criticare	Purple	White	10	3.00	D	White	9	M	Pins 3,7 & 8
P890RA	Critikon	White	White	10	3.00	Thorkom	Grey	12	F	Sockets 5,8,9 & 10
P891RA	Critikon	White	White	10	3.00	Lemo	Silver	7	M	

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P856RA			P865RA			P878RA		
P856YA		T	P865YA		T	P878YA		T
P857RA			P867RA			P886RA		
P857YA		T	P867YA		T	P886YA		S
P858RA			P869RA			P887RA		
P858YA		T	P869YA		T	P887YA		T
P859RA			P871RA			P888RA		
P859YA		S	P871YA		T	P888YA		S
P860RA			P872RA			P889RA		
P860YA		T	P872YA		S	P889YA		T
P861RA			P873RA			P890RA		
P861YA		T	P873YA		T	P890YA		T
P862RA			P875RA			 Distributed By: Manufactured by: VIAMED Ltd 15 Station Rd, Crosshills, Kelghley, West Yorkshire, BD20 7DT, U.K. Tel : +44 (0)1535 634542, Fax : +44 (0)1535 635582 Web: www.viamed.co.uk, Email: info@viamed.co.uk Quality standards accreditations BS EN ISO 9002 & BS EN 46002 BS28343 BS28344		
P862YA		T	P875YA		T			
P863RA			P876RA					
P863YA		T	P876YA		T			
P864RA			P877RA					
P864YA		T	P877YA		T			

v: 'T' Top View, 'S' Side View, ● Pin/Socket Loaded, ○ Pin/Socket Unloaded Drawings not to scale.

SpO₂ Finger Probes Index
Drawings Confirmation

Model	Compatible Manufacturer	Length M (ft)	Drawing Number	Date checked	Notes	Model
854RA	Medlab/Comdek	3 (10)	SPF-854	31/05/02		854RA
855RA	BCI	3 (10)	SPF-855	31/05/02		855RA
856RA	Nellcor	0.9 (3)	SPF-856	31/05/02		856RA
857RA	Spacelabs	3 (10)	SPF-857	31/05/02		857RA
858RA	Nellcor (UDT)	3.65 (12)	SPF-858	31/05/02		858RA
859RA	Pace Tech	3.65 (12)	SPF-859	31/05/02	Needs confirmation	859RA
860RA	Simed Baxter	3.65 (12)	SPF-860	31/05/02		860RA
861RA	BCI (Viamed)	0.9 (3)	SPF-861	31/05/02		861RA
	BCI(UDT)		SPF-861.1	31/05/02		
862RA	Criticare	3 (10)	SPF-862	31/05/02		862RA
863RA	Datascope	0.9 (3)	SPF-863	31/05/02		863RA
864RA	Datascope	3.65 (12)	SPF-864	31/05/02		864RA
865RA	Sensormedics	0.9 (3)	SPF-865	31/05/02		865RA
866RA	Simed Baxter	3.65 (12)	SPF-866	31/05/02		866RA
867RA	Ohmeda	3.65 (12)		31/05/02	Needs confirmation	867RA
869RA	Criticare (UDT)	0.9 (3)	SPF-869	31/05/02		869RA
	Criticare (Viamed)		SPF-869.1	31/05/02		
871RA	Nonin (Viamed)	0.9 (3)	SPF-871	31/05/02		871RA
	Nonin (UDT)		SPF-871.1	31/05/02		
872RA	Datex	3.65 (12)	SPF-872	31/05/02		872RA
873RA	Datex	0.9 (3)	SPF-873	31/05/02		873RA
874RA	Palco	0.9 (3)	SPF-874	31/05/02		874RA
875RA	Novametrix	3 (10)	SPF-875	31/05/02		875RA
876RA	Novametrix	3 (10)	SPF-876	31/05/02		876RA
877RA	Critikon	0.9 (3)	SPF-877	31/05/02		877RA
878RA	Invivo	3 (10)	SPF-878	31/05/02		878RA
879RA	Artema	3.65 (12)	SPF-879	31/05/02		879RA
885RA	Novametrix	0.9 (3)	SPF-885	31/05/02	Don't Make	885RA
886RA	Kontron	3.65 (12)	SPF-886	31/05/02		886RA
887RA	Spacelabs	3 (10)	SPF-887	31/05/02		887RA
888RA	S&W	3.65 (12)	SPF-888	31/05/02		888RA
889RA	Criticare	3 (10)	SPF-889	31/05/02		889RA
890RA	Critikon & Sensormedics	3 (10)	SPF-890	31/05/02		890RA
891RA	Critikon	3 (10)	SPF-891	31/05/02		891RA
892RA	Marquette	3 (10)	SPF-892	31/05/02	Needs confirmation	892RA
895RA	Hewlett Packard	3 (10)	SPF-895	31/05/02	Needs confirmation	895RA
896RA	S&W	3.65 (12)	SPF-896	31/05/02		896RA

SpO₂ Extension/Adapter Cables Index
Drawings Confirmation

Model	Compatible manufacturer	Length M (ft)	Drawing Number	Date	Model
925E2	Spacelabs	0.6(2)	SPE-001	5/08/02	925E2
926E10	Spacelabs	3(10)	SPE-002	5/08/02	926E10
927E8	Spacelabs	8(2.4)	SPE-003	5/08/02	927E8
928E10	Spacelabs	3(10)	SPE-004	5/08/02	928E10
953E8	Odam Bruker	2.4 (8)	SPE-025	5/08/02	953E8
956E4	Nellcor	1.2(4)	SPE-005	5/08/02	956E4
	Nellcor	1.2(4)	SPE-005.1	5/08/02	
956E8	Nellcor	2.4(8)	SPE-006	5/08/02	956E8
	Nellcor	2.4(8)	SPE-006.1	5/08/02	
961E8	BCI	2.4(8)	SPE-007	5/08/02	961E8
963E10	Datascope	3(10)	SPE-008	5/08/02	963E10
965E10	Critikon & Sensormedics	3(10)	SPE-009	5/08/02	965E10
968E8	Criticare	2.4(8)	SPE-010	5/08/02	968E8
	Criticare	2.4(8)	SPE-010.1	5/08/02	
969E8	Criticare	2.4(8)	SPE-011	5/08/02	969E8
971E3	Nonin	0.9(3)	SPE-012	5/08/02	971E3
971E8	Nonin	2.4(8)	SPE-013	5/08/02	971E8
973E10	Datex	3(10)	SPE-014	5/08/02	973E10
973E5	Datex	1.5(5)	SPE-015	5/08/02	973E5
973E33	Datex	10(33)	SPE-016	5/08/02	973E33
991E10	Critikon	3(10)	SPE-017	5/08/02	991E10
992E8	Marquette	2.4(8)	SPE-018	5/08/02	992E8
993E8	Pace Tech	2.4(8)	SPE-019	5/08/02	993E8
994E8	HME	2.4(8)	SPE-020	5/08/02	994E8
995E8	Hewlett Packard	2.4(8)	SPE-021	5/08/02	995E8
996E8	S&W	2.4(8)	SPE-022	5/08/02	996E8
997E8	S&W	2.4(8)	SPE-023	5/08/02	997E8
998E8	Draeger	2.4(8)	SPE-024	5/08/02	998E8

SpO₂ ‘Y’ Probes Index
Drawings Confirmation

Model	Compatible manufacturer	Length M (ft)	Drawing No.	Notes	Date	Model
856YA	Nellcor	0.9 (3)	SPY-856			856YA
857YA	Spacelabs	3 (10)	SPY-857			857YA
858YA	Nellcor	3.65 (12)	SPY-858			858YA
859YA	Pace Tech	3.65 (12)	SPY-859			859YA
860YA	Simed Baxter	3.65 (12)	SPY-860			860YA
861YA	BCI	0.9 (3)	SPY-861			861YA
862YA	Criticare			Don't Make		862YA
863YA	Datascope			Don't Make		863YA
864YA	Datascope	3.65 (12)	SPY-864			864YA
865YA	Sensormedics			Don't Make		865YA
866YA	Simed Baxter	3.65 (12)	SPY-866			866YA
867YA	Ohmeda	3.65 (12)	SPY-867	Yet To Confirm		867YA
869YA	Criticare	0.9 (3)	SPY-869			869YA
871YA	Nonin	0.9 (3)	SPY-871			871YA
872YA	Datex			Don't Make		872YA
873YA	Datex	0.9 (3)	SPY-873			873YA
875YA	Novametrix	3 (10)	SPY-875			875YA
876YA	Novametrix	3 (10)	SPY-876			876YA
877YA	Critikon			Don't Make		877YA
878YA	Invivo	3 (10)	SPY-878			878YA
886YA	Kontron	3.65 (12)	SPY-886			886YA
887YA	Spacelabs	3 (10)	SPY-887			887YA
888YA	S&W	3.65 (12)	SPY-888			888YA
889YA	Criticare			Don't Make		889YA
890YA	Critikon & Sensormedics			Don't Make		890YA
891YA	Critikon			Don't Make		891YA

Compatible SpO₂ Finger Probes Cross Reference

Original Equipment Manufacturer	Cross Reference of Model and Part Numbers	Length *Metres	Part Number
Baxter	Explorer Monarch	0.9	P856
Baxter	600333-003 ASAT	3.7	P860RA
Biochem (BCI)	3044 3300 3301 3302	0.9	P861RA
Bruker	Bruker	0.9	P861RA
Corometrics	556	0.9	P856RA
Criticare	511SD/934SD 1100 1100-3 501 503 504 507 508 581 Poet Plus	3.0	P862RA
Criticare	511SD/934SD 1100 1100-3 501 503 504 507 508 581 Poet Plus (Requires P968E8 or P969E8)	0.9	P869RA
Critikon	9700 Series	0.9	P856RA
Critikon	9700 Series	3.7	P858RA
Critikon	9084 8700 Series	0.9	P865RA
Critikon	8997 Dinamap Oxytrak	0.9	P877RA
Datascope	0600-00-0026-02 Passport (Requires P963E10)	0.9	P863RA
Datascope	0600-00-0026-01 Accusat Accutor	3.7	P864RA
Datex	Fits Most Datex Models	3.7	P872RA
Datex	Fits Most Datex Models (Requires P973E10)	0.9	P873RA
Dräger	Vitalert 1000 Narkomed Cicero	0.9	P856RA
Elmed	6006194 PSO1000	0.9	P861RA
Entri Medical	Propaq 102 104 106	0.9	P856RA
Fukuda Denshi	HG302 Module	0.9	P856RA
Gambro	BP806	0.9	P856RA
Invivio	4500 Plus 2	0.9	P856P
Invivio	9383 Scout ES 4500 Scout Scout + Scout +1 Scout +2 Scout +3 Scout +4	3.0	P878K
Ivy Medical	405A	0.9	P856RA
Kontron	7840	3.7	P886RA
Marquette	Eagle 3100	0.9	P856RA
Marquette	Tram System Modular System	3.7	P867RA
Medical Data	2800-50 OP11A OP30 Escort 100 Escort 11	0.9	P856RA
Mennen	800-060-730 Horizon XL (Nellcor)	0.9	P856RA
Mennen	800-060-540 Horizon XL (Ohmeda)	3.7	P867RA
Nellcor	C-13-200M N-200 DS100A (Compatible with Nellcor derivatives. Requires P956E4 or P956E8)	0.9	P856RA
Nellcor	N6000 N180E N180	3.7	P858RA
Nonin	8500 8604K (Requires P971E3 or P971E10)	0.9	P871RA
Novamatrix	8660 500 Series	3.0	P875RA
Novamatrix	8774 8776 505 511 515 520 7000 Oxypleth	3.0	P876RA
Ohmeda	3700 4700 Oxystat Plus 4700 380-1000-042 6051-0000-049 Oxystat Modular CD Anae	3.7	P867RA
Pacetek	520	3.7	P859RA
Propaq	Propaq	0.9	P856RA
S & W Vickers	4621643 4700708 DSNT	0.9	P856RA
Sensormedics	766721 767367 Oxyshuttle OMNI-SAT	0.9	P856RA
Siemens	1281	0.9	P856RA
Simed	S-100e	3.7	P860RA
Spacelabs	015-0150-00 90465/66/67/89 90651A-08 690-0003-00 (Nellcor). Requires P926E10	0.9	P856E
Spacelabs	90651A-08 90419-01 90485 90489 90467 90466 90465 90351-D/G	3.0	P857RA
Spacelabs	369-083-001 90419 90501 90651A-03 (Novamatrix)	3.0	P875RA
	Extension Cables		
Critikon/Sensormedics	9084 8700 Series **(P865RA)	3.0	P965E10
Criticare	518LD 1100 1100-3 Poet Plus 503 504 507 508 581 (DB9 to DB9) **P869RA	2.4	P968E8
Criticare	518DD 503 Spot (Lemo to DB9) **P869RA	2.4	P969E8
Datascope	012-00-0516-12 Passport (Switchcraft to DB9) **P863RA	3.0	P963E10
Datex	Nicolet to DB9 **P873RA	3.0	P973E10
Nellcor	EC-4 N180 N180E N6000 (DB9 to DB9) **P856RA	1.2	P956E4
Nellcor	EC-4 N180 N180E N6000 (DB9 to DB9) **P856RA	2.4	P956E8
Nonin	85001 (DB9 to DB9) **P871RA	0.9	P971E3
Nonin	8604x-10 (DB9 to DB9) **P871RA	3.0	P971E10
Spacelabs	175-0646-00 90465/66/67/89 90651A-08 90351-D/G (7 Pin Hypertronic to 12 Pin) **P876RA	0.6	P925E2
Spacelabs	175-0706-00 90465/66/67/89 90651A-08 690-0003-00 90351-DG (7 Pin Hypertronic to 12 Pin) **P876RA	3.0	P926E10

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For any manufacturer not mentioned please contact us.
All Manufacturers' trade marks and registered names recog

* Lengths are approximate

** Indicates suitable for use with stated finger probe.

Distmci97 20/7/99

Description of Device.

Generic name of device: Pulse Oximetry

Model name: Finger Probes & Extension Cables - Various

Model number: 0018000 / 0019000 Series'

Brief description of device and other devices designed to be used in combination with it:

This is a family of similar products manufactured to replace the original manufacturers product.

Components have been carefully chosen to match the original manufacturers specification.

The SpO2 Finger Probe is recommended for short term SpO2 monitoring on pediatric and adult patients. Pulse Oximetry measures both: arterial oxygen saturation (SpO2), and pulse rate without skin penetration, electrical contact, or heat transfer.

Finger Probes are a “re-usable clip-on sensor” with the optical components protected in a hard plastic casing. The Probes consist of three optical components, two light sources and a detector. The light sources are two light emitting diodes (LED), one Red (640 – 680 nm) and one Infrared (940 – 98 nm). The detector is a Photodiode, which is an electrical device that produces a current proportional to the incident light intensity.

SpO2 Finger Probes connect between the patient and a Pulse Oximeter.

Flexible Probes:

This Probe consists of electronic parts identical to the Finger Probes, but they are packaged in a bi-forcated cable. They use the same connectors.

Disposable Probes also use the same electronic parts, but are mounted in a low cost package to enable the product to be used once only.

They consist of a cable and connector, with a detector assembly and a LED assembly, soldered to the other end. This assembly, lying flat, is attached to a bandage assembly over the two components. This assembly can then be taped to the patient’s finger, toe, heel etc. The bandage precludes the reuse of the sensor due to loss of adhesion and patient contamination.

Extension Cables are supplied, where required, to enable the sensor to reach the patient / monitor. Extension cables have no electronic components, but are two connectors enabling the probe connector to be extended to the monitor.



UDT SENSORS, INC.

12525 Chadron Ave., Hawthorne, CA 90250 • (310) 978-0516 • FAX (310) 644-1727

DISPOSABLE PROBE

1. DISPOSABLE OXIMETER PROBE:

Consists of a cable and connector with a Detector Assembly (Photodiode), and a LED Assembly (2 Light Emitting Diodes), soldered to the other end. This assembly lying flat is attached to a Bandage Assembly over the two components (Photodiode / LED). This assembly can then be taped to a patient's finger, toe, heel etc...., with the photodiode on one side of the appendage and the LED on the other. The detector receives light signal from the LED through taped appendage. The bandage precludes the reuse of the sensor due to loss of adhesion and patient contamination.

VIA MED SpO₂ FINGER PROBES

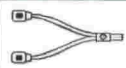
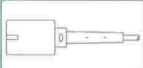
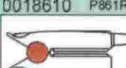
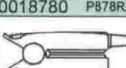
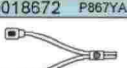
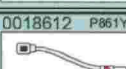
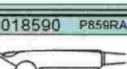
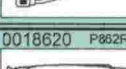
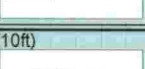
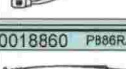
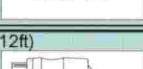
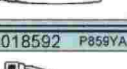
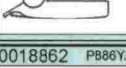
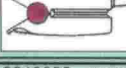
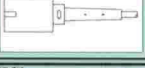
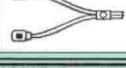
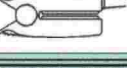
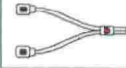
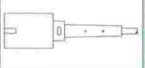
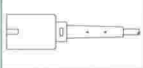
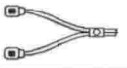
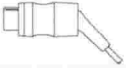
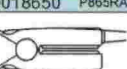
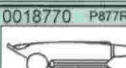
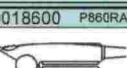
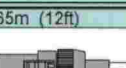
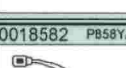
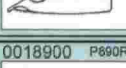
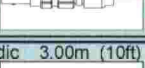
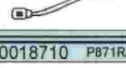
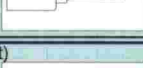
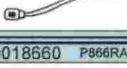
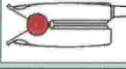
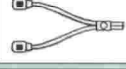
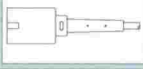
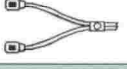
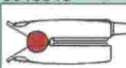
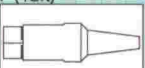
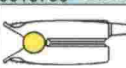
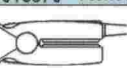
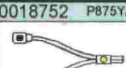
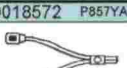
Part number	*Compatible oximeter manufacturer	Cable length		Connector		
		Feet	Metres	Type	Number of contacts	Gender
P856RA	Nellcor	3	0.90	D	9	M
P857RA	Spacelabs	10	3.00	Hypertronics	12	M
P858RA	Nellcor	12	3.65	D	9	M
P859RA	Pace Tech	12	3.65	Switchcraft	5	F
P860RA	Simed, Baxter	12	3.65	Hypertronics	9	M
P861RA	BCI	3	0.90	D	9	M
P862RA	Criticare	10	3.00	Lemo	5	M
P863RA	Datascope	3	0.90	D	9	M
P864RA	Datascope	12	3.65	DIN	8	M
P865RA	Sensormedics	3	0.90	Compu-shield	6	M
P866RA	Simed, Baxter	12	3.65	Hypertronics	9	M
P867RA	Ohmeda	12	3.65	Hypertronics	9	M
P869RA	Criticare	3	0.90	D	9	M
P871RA	Nonin	3	0.90	D	9	M
P872RA	Datex	12	3.65	DPK1	10	F
P873RA	Datex	3	0.90	D	9	M
P875RA	Novamatrix	10	3.00	Hypertronics	7	M
P876RA	Novamatrix	10	3.00	Hypertronics	7	M
P877RA	Critikon	3	0.90	D	9	M
P878RA	Invivo	10	3.00	Lemo	7	M
P886RA	Kontron	12	3.65	DPK1	12	M
P887RA	Spacelabs	10	3.00	Hypertronics	12	M
P888RA	S & W	12	3.65	SPK1	10	F
P889RA	Criticare	10	3.00	D	9	M
P890RA	Critikon/Sensormedics	10	3.00	Thorkom	12	F
P891RA	Critikon	10	3.00	Lemo	7	M

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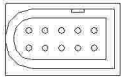
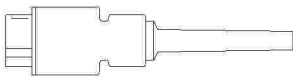
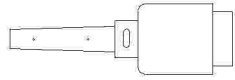
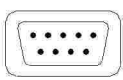
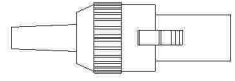
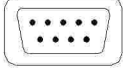
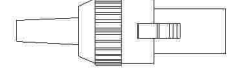
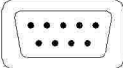
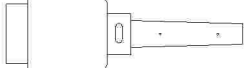
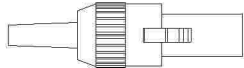
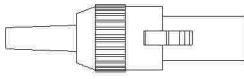
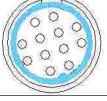
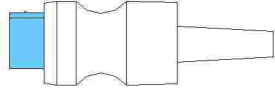
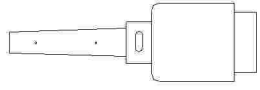
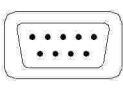
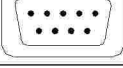
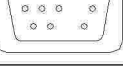
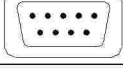
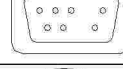
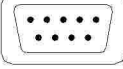
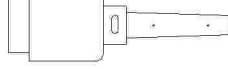
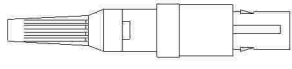
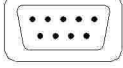
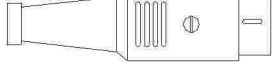
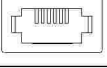
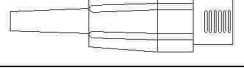
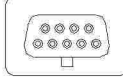
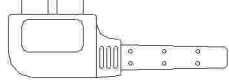
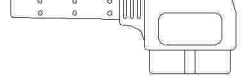
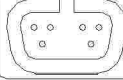
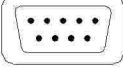
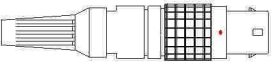
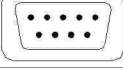
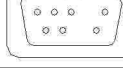
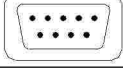
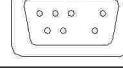
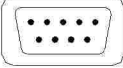
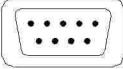
* Main compatible oximeter manufacturer for guidance purposes only. For full details of other compatible manufacturers, please refer to cross reference list. Cable lengths are approximate.

Selection Chart

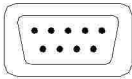
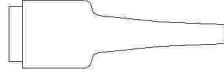
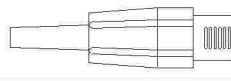
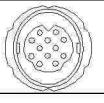
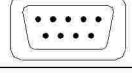
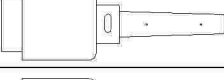
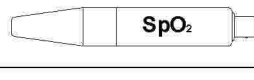
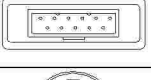
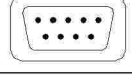
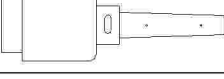
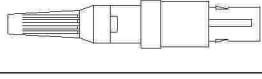
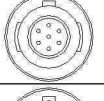
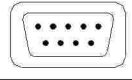
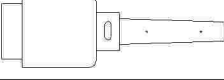
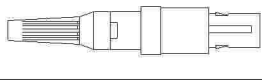
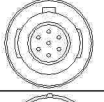
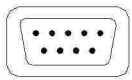
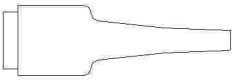
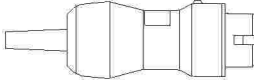
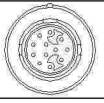
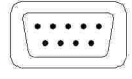
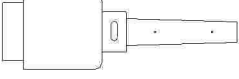
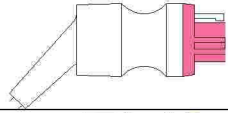
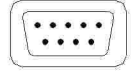
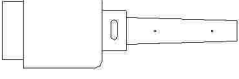
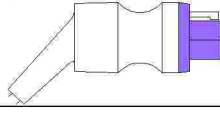
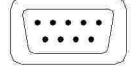
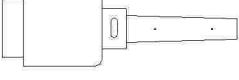
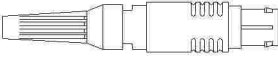
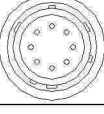
Pulse Oximetry Finger Sensors & Multi-Site 'Y' Sensors

Trudell Medical  CE 0086			Viamed 			0018732 P873YA Datex 0.90m (3ft)   			0018670 P867RA Ohmeda 3.65m (12ft)   		
0018610 P861RA BCI 0.90m (3ft)   			0018780 P878RA Invivo 3.00m (10ft)   			0018672 P867YA Ohmeda 3.65m (12ft)   					
0018612 P861YA BCI 0.90m (3ft)   			0018782 P878YA Invivo 3.00m (10ft)   			0018590 P859RA Pace Tech 3.65m (12ft)   					
0018620 P862RA Criticare 3.00m (10ft)   			0018860 P886RA Kontron 3.65m (12ft)   			0018592 P859YA Pace Tech 3.65m (12ft)   					
0018690 P869RA Criticare 0.90m (3ft)   			0018862 P886YA Kontron 3.65m (12ft)   			0018880 P888RA S & W 3.65m (12ft)   					
0018692 P869YA Criticare 0.90m (3ft)   			0018560 P856RA Nellcor 0.90m (3ft)   			0018882 P888YA S & W 3.65m (12ft)   					
0018890 P889RA Criticare 3.00m (10ft)   			0018562 P856YA Nellcor 0.90m (3ft)   			0018650 P865RA Sensormedics 0.90m (3ft)   					
0018770 P877RA Critikon 0.90m (3ft)   			0018580 P858RA Nellcor 3.65m (12ft)   			0018600 P860RA Simed / Baxter 3.65m (12ft)   					
0018910 P891RA Critikon 3.00m (10ft)   			0018582 P858YA Nellcor 3.65m (12ft)   			0018602 P860YA Simed / Baxter 3.65m (12ft)   					
0018900 P890RA Critikon/Sensormedic 3.00m (10ft)   			0018710 P871RA Nonin 0.90m (3ft)   			0018660 P866RA Simed / Baxter 3.65m (12ft)   					
0018630 P863RA Datascope 0.90m (3ft)   			0018712 P871YA Nonin 0.90m (3ft)   			0018662 P866YA Simed / Baxter 3.65m (12ft)   					
0018640 P864RA Datascope 3.65m (12ft)   			0018750 P875RA Novametrix 3.00m (10ft)   			0018570 P857RA SpaceLabs 3.00m (10ft)   					
0018642 P864YA Datascope 3.65m (12ft)   			0018752 P875YA Novametrix 3.00m (10ft)   			0018572 P857YA SpaceLabs 3.00m (10ft)   					
0018720 P872RA Datex 3.65m (12ft)   			0018760 P876RA Novametrix 3.00m (10ft)   			0018870 P887RA SpaceLabs 3.00m (10ft)   					
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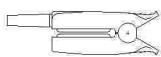
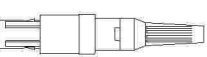
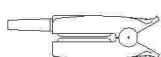
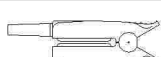
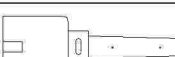
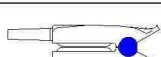
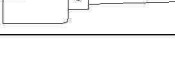
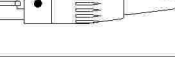
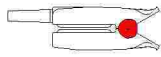
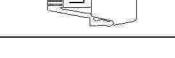
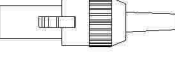
Extension Cable Chart

SpaceLabs	P924E8	8ft 2.4m				
SpaceLabs	P925E2	2ft 0.6m				
SpaceLabs	P926E10	10ft 3m				
SpaceLabs	P927E8	8ft 2.4m				
SpaceLabs	P928E10	10ft 3m				
Odam Bruker	P953E8	8ft 2.4m				
Nellcor	P956E4	4ft 1.2m				
Nellcor	P956E8	8ft 2.4m				
BCI	P961E8	8ft 2.4m				
Datascope	P963E10	10ft 3m				
Critikon / Sensormedics	P965E10	10ft 3m				
Criticare	P968E8	8ft 2.4m				
Criticare	P969E8	8ft 2.4m				
Nonin	P971E3	3ft 0.9m				
Nonin	P971E8	8ft 2.4m				
Datex	P973E5	5ft 1.5m				
Datex	P973E10	10ft 3m				

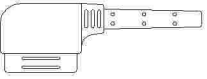
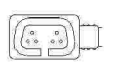
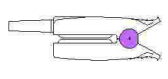
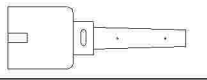
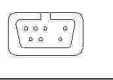
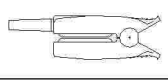
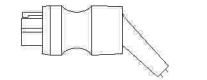
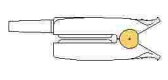
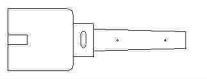
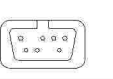
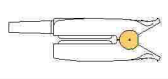
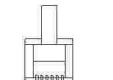
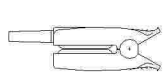
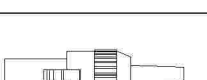
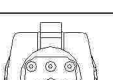
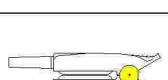
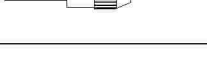
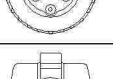
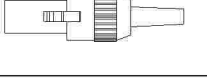
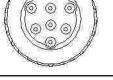
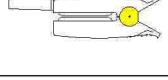
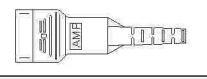
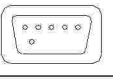
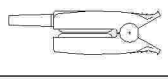
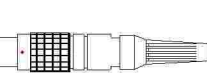
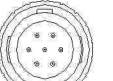
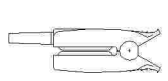
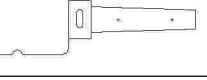
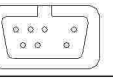
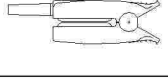
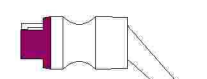
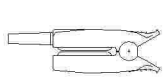
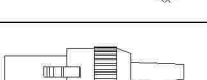
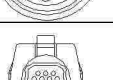
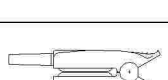
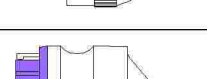
Extension Cable Chart

Datex	P973E33	33ft 10m				
Critikon	P991E10	10ft 3m				
Marquette	P992E8	8ft 2.4m				
PaceTech	P993E8	8ft 2.4m				
HME	P994E8	8ft 2.4m				
Hewlett Packard	P995e8	8ft 2.4m				
S & W	P996E8	8ft 2.4m				
S & W	P997E8	8ft 2.4m				
Draeger	P998E8	8ft 2.4m				

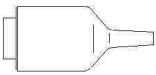
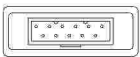
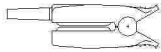
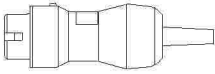
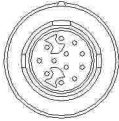
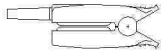
Finger Probe Chart

			Nihon / Kohden	852RA 0018520	10 ft 3m
			Odam Bruker	853RA 0018530	10 ft 3m
			Medlab/ Comdek	854RA 0018540	10 ft 3m
			BCI	855RA 0018550	10 ft 3m
			Nellcor	856RA 0018560	3 ft 0.9m
			Spacelabs	857RA 0018570	10 ft 3m
			Nellcor	858RA 0018580	12ft 3.65m
			Pacetek	859RA 0018590	12ft 3.65m
			Simed Baxter	860RA 0018600	12ft 3.65m
			BCI	861RA 0018610	3 ft 0.9m
			Criticare	862RA 0018620	10 ft 3m
			Datascope	863RA 0018630	3 ft 0.9m
			Datascope	864RA 0018640	12ft 3.65m
			Sensormedics	865RA 0018650	3 ft 0.9m
			Simed Baxter	866RA 0018660	12ft 3.65m
			Ohmeda	867RA 0018670	12ft 3.65m
			Criticare	868RA 0018680	3 ft 0.9m
			Criticare	869RA 0018690	3 ft 0.9m

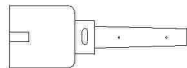
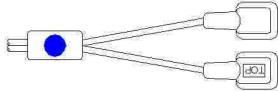
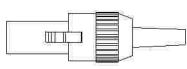
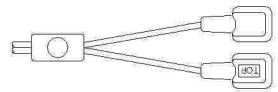
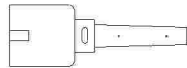
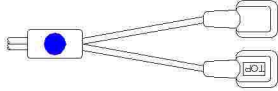
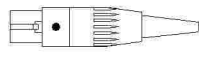
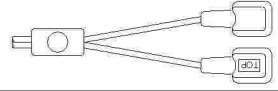
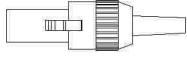
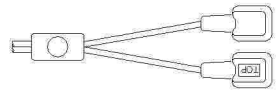
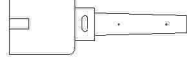
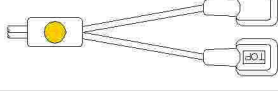
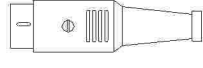
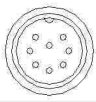
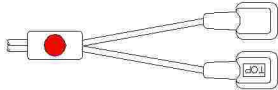
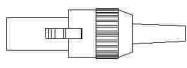
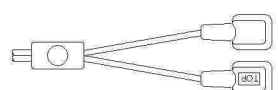
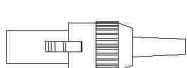
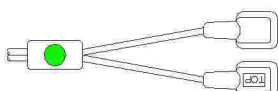
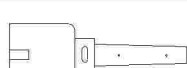
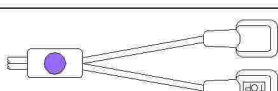
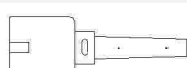
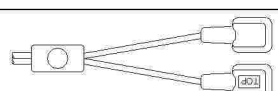
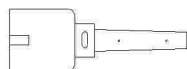
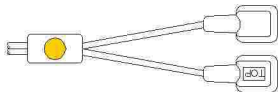
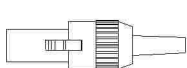
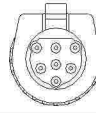
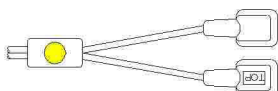
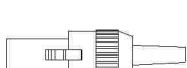
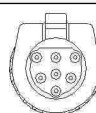
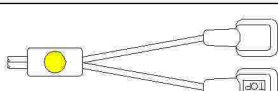
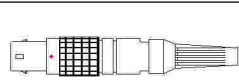
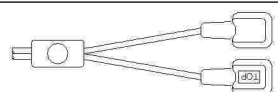
Finger Probe Chart

			Criticare	870RA 0018700	10 ft 3m
			Nonin	871RA 0018710	3 ft 0.9m
			Datex	872RA 0018720	12ft 3.65m
			Datex	873RA 0018730	3 ft 0.9m
			Palco	874RA 0018740	3 ft 0.9m
			Novametrix	875RA 0018750	10 ft 3m
			Novametrix	876RA 0018760	10 ft 3m
			Critikon	877RA 0018770	3 ft 0.9m
			Invivo	878RA 0018780	10 ft 3m
			Artema	879RA 0018790	12ft 3.65m
			Novametrix	885RA 0018850	3ft 0.9m
			Kontron	886RA 0018860	12ft 3.65m
			Spacelabs	887RA 0018870	10 ft 3m
			S&W	888RA 0018880	12ft 3.65m
			Criticare	889RA 0018890	10 ft 3m
			Critikon & Sensormedics	890RA 0018900	10 ft 3m
			Critikon	891RA 0018910	10 ft 3m

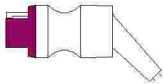
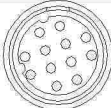
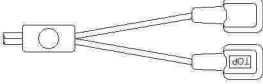
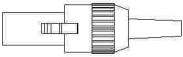
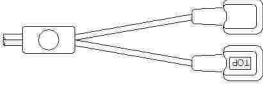
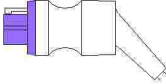
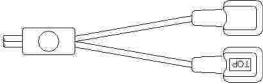
Finger Probe Chart

			Marquette	892RA 0018920	10 ft 3m
			Hewlett Packard	895RA 0018950	10 ft 3m
			S&W	896RA 0018960	12ft 3.65m

'Y' Probe Chart

Nellcor	P856YA	3ft 0.9m			
Spacelabs	P857YA	10ft 3m			
Nellcor	P858YA	12ft 3.65m			
Pacetek	P859YA	12ft 3.65m			
Simed-Baxter	P860YA	12ft 3.65m			
BCI	P861YA	3ft 0.9m			
Datascope	P864YA	12ft 3.65m			
Simed-Baxter	P866YA	12ft 3.65m			
Ohmeda	P867YA	12ft 3.65m			
Criticare	P869YA	3ft 0.9m			
Nonin	P871YA	3ft 0.9m			
Datex	P873YA	3ft 0.9m			
Novamatrix	P875YA	10ft 3m			
Novamatrix	P876YA	10ft 3m			
Invivo	P878YA	10ft 3m			

‘Y’ Probe Chart

Kontron	P886YA	12ft 3.65m			
Spacelabs	P887YA	10ft 3m			
S&W	P888YA	12ft 3.65m			



UDT SENSORS, INC.

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“Y” PROBE

The “Y” Probe is similar to the Reusable Probe with different packaging, consisting of silicone rubber paddles, in lieu of soft silicone rubber pads, and a small plastic clip.

Description of Device.

Generic name of device: Pulse Oximetry

Model name: Finger Probes - Various

Model number: 0018000 Series

Brief description of device and other devices designed to be used in combination with it:

This is a family of similar products manufactured to replace the original manufacturers product.

Components have been carefully chosen to match the original manufacturers specification.

The SpO2 Finger Probe is recommended for short term SpO2 monitoring on pediatric and adult patients. Pulse Oximetry measures both: arterial oxygen saturation (SpO2), and pulse rate without skin penetration, electrical contact, or heat transfer.

Finger Probes are a “re-usable clip-on sensor” with the optical components protected in a hard plastic casing. The Probes consist of three optical components, two light sources and a detector. The light sources are two light emitting diodes (LED), one Red (640 – 680 nm) and one Infrared (940 – 98 nm). The detector is a Photodiode, which is an electrical device that produces a current proportional to the incident light intensity.

SpO2 Finger Probes connect between the patient and a Pulse Oximeter.

Flexible Probes:

This Probe consists of electronic parts identical to the Finger Probes, but they are packaged in a bi-furcated cable. They use the same connectors.

Disposable Probes also use the same electronic parts, but are mounted in a low cost package to enable the product to be used once only.

They consist of a cable and connector, with a detector assembly and a LED assembly, soldered to the other end. This assembly, lying flat, is attached to a bandage assembly over the two components. This assembly can then be taped to the patient’s finger, toe, heel etc. The bandage precludes the reuse of the sensor due to loss of adhesion and patient contamination.

Extension Cables are supplied, where required, to enable the sensor to reach the patient / monitor. Extension cables have no electronic components, but are two connectors enabling the probe connector to be extended to the monitor.



Device Description

This is a family of similar products manufactured to replace the original manufacturers product.

Components have been carefully chosen to match the original manufacturers specification.

The MCI SpO₂ Finger Probe is recommended for shortterm SpO₂ monitoring on paediatric and adult patients. Pulse oximetry measures both arterial oxygen saturation (SpO₂) and pulse rate without skin penetration, electrical contact, or heat transfer.

MCI Finger Probes are a reusable clip-on sensor with the optical components protected in a hard plastic casing. The probes consist of three optical components, two light sources and a detector. The light sources are two light emitting diodes (LED), one Red (640-680 nm) and one Infrared (940-980 nm). The detector is a photodiode, which is an electrical device that produces a current proportional to the incident light intensity.

MCI. SpO₂ Finger Probe connects between the patient and a Pulse Oximeter