WelchAllyn®

Propaq LT®

Ambulatory Care Reference Guide

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NOTE: This reference guide is intended for the use of representatives from Welch Allyn and our ambulatory care distributors. The document in full is not intended to give to customers. However, information within this document may be shared verbally or in written form with clients and prospective customers.

Propaq LT Monitors

Propaq LT monitors are shipped complete with adult, pediatric, and neonatal monitoring capability. The Base Monitor includes ECG, NIBP, Impedance Pneumography Respiration and Nellcor Oximax® or Masimo SET® Pulse Oximetry. Accessories shipped with each monitor include a 3-lead ECG cable, electrodes, Directions for Use, and one standard Flexi-Port adult NIBP cuff. Included with Nellcor SpO2 is one reusable OxiMax sensor, and one sample pack of disposable Oximax pulse oximetry sensors. Included with Masimo SpO2 is one 10' Masimo extension cable and one LNCS DCI Reusable Sensor. A two-year warranty and software license agreement are included with all Propaq LT monitors.

Propaq LT Monitor – Standalone Devices

Nellcor SpO2

802LT0N-0E0	Propaq LT - Nellcor SpO2 (Requires charging cradle to recharge batteries. Charging cradle sold separately) - (Delivered with AAMI ECG Leads)
802LT0N-CE1	Propaq LT - Nellcor SpO2 / Charging Cradle - 120 NA (Delivered with AAMI ECG Leads)
802LT0N-UE1	Propaq LT - Nellcor SpO2 / Charging Cradle / USB port - 120 NA (Delivered with AAMI ECG Leads)

Note: N in the model number stands for Nellcor
E in the model number stands for AAMI ECG (CE1/UE1)

Masimo SpO2

802LT0S-0E0	Propaq LT - Masimo SpO2 - (Requires charging cradle to recharge batteries. Charging cradle sold separately) (Delivered with AAMI ECG Leads)
802LT0S-CE1	Propaq LT - Masimo SpO2 / Charging Cradle - 120 NA (Delivered with AAMI ECG Leads)
802LT0S-UE1	Propaq LT - Masimo SpO2 / Charging Cradle / USB port - 120 NA (Delivered with AAMI ECG Leads)

Note: S in the model number stands for Masimo
E in the model number stands for AAMI ECG (CE1/UE1)

Propaq LTR Monitor, with FlexNet Wireless Option for Acuity and Mobile Acuity Connectivity

Nellcor SpO2

|	
802LTAN-0E0	Propaq LTR with FlexNet (802.11a) Option, Nellcor SpO2 - (Requires charging cradle to recharge batteries. Charging cradle sold separately) NA (Delivered with AAMI ECG Leads)
802LTAN-CE1	Propaq LTR with FlexNet (802.11a) Option, Nellcor SpO2 / Charging Cradle - 120 NA (Delivered with AAMI ECG Leads)
802LTAN-UE1	Propaq LTR with FlexNet (802.11a) Option, Nellcor SpO2 / Charging Cradle - USB port - 120 NA (Delivered with AAMI ECG Leads)

Masimo SpO2

802LTAS-0E0	Propaq LTR with FlexNet (802.11a) Option,(802.11A), Masimo SpO2 - (Requires charging cradle to recharge batteries. Charging cradle sold separately) (Delivered with AAMI ECG Leads)
802LTAS-CE1	Propaq LTR with FlexNet (802.11a) Option, Masimo SpO2 / Charging Cradle - 120 NA (Delivered with AAMI ECG Leads)
802LTAS-UE1	Propaq LTR with FlexNet (802.11a) Option,Masimo SpO2 / Charging Cradle / USB port - 120 NA (Delivered with AAMI ECG Leads)

Part Number Decoder:

1 = Power Plug Type A
Type A = 120V 60Hz: Flat blade attachment plug
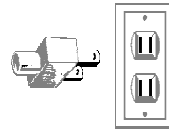
Cradles:
0E0:   0 = No Cradle
CE1:   C = With Cradle
UE1:   U = USB port with Cradle

Model Numbers:

Propaq LT device model number is located on the back of the device, near the upper right corner, just above the sticker with the serial number.

Standalone Devices (no radio):

802LT0N = Propaq LT Base Model with Nellcor

802LT0S = Propaq LT Base Model with Masimo

Wireless Devices (with radio):

802LTAN = Propaq LT with 802.11a Wireless Radio and Nellcor

802LTAS = Propaq LT with 802.11a Wireless Radio and Masimo

Note: The Radio/Wireless Option is not visible on the LT device, to identify if a monitor is wireless:

1. Check the model number on back of the device; if it has an A (LTAN), it is wireless
2. Turn the monitor on; if it has a ⅄ , it is wireless

Serial Numbers:

The Propaq LT **device serial number** is located on the back of the device, near the upper right corner. The device serial number begins with **"KA"** and is followed by six numbers, such as KA009768.

The Propaq LT **cradle serial number** is located on the bottom of the cradle, near the right side. The cradle serial number begins with **"KL"** or **"KV"** and is followed by six numbers, such as KL001605.

Welch Allyn's customer record should include both the device serial number and the cradle serial number.

Propaq LT Base Model

802LT0N-0E0 or 802LT0S-0E0
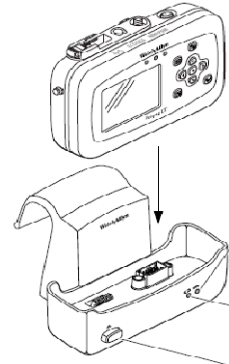Propaq LT Vital Signs Monitor
Requires charging cradle to recharge battery - Charging cradle sold separately.

Propaq LT with Charging Cradle

802LT0N-CE1 or 802LT0S-CE1

Propaq LT with Charging Cradle and USB Port

802LT0N-UE1 or 802LT0S-UE1

Charging Cradle

008-0869-00	Charging Cradle

008-0873-00	Charging / Communications Cradle with USB

NOTE: At least one Charging Cradle in every order should come with the USB Port option. The USB Port option is necessary if the user would like to custom-configure their monitor, use the Auto-Print functionality, or connect to a Large Color Display
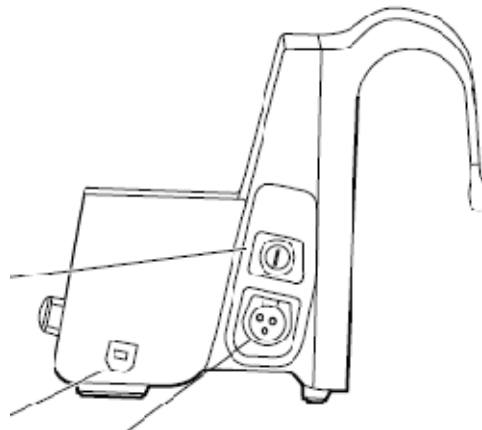
SHIP WITH ACCESSORIES

Item Number	Item Description

SPO2

Nellcor version:
008-0054-01	DS-100A DURASENSOR
660-0196-00	ASSY,8FT SPO2,DIFF. EXTENSION CABLE,NELLCOR
680-0047-01	SENSOR PACK, SPO2, DISPOSABLE, OXIMAX, A/N

Masimo version:
008-0960-00	ACCY, SENSOR, SP02, ADULT, REUSABLE, DB-9, MASIMO
008-1010-00	ACCY, SPO2 CABLE, MASIMO DB9-LNCS, 10'

ECG
008-0880-00	ECG CABLE,3 ATTACHED LEAD,SNAP,AAMI,10'
008-0023-00	ECG,ELECTRODES,S/LH,PREJELLED,1700 CLEARANCE

NIBP
008-1024-00	CUFF REUSE-11-1MQ, ADULT, 1 TUBE, MQ
008-0864-00	HOSE NIBP ADLT/PED 6' W/TWST LOCK CNTR BLDRLESS CUFF

Power Cord and Supply
008-0913-00	POWER C PLUG A,CA,2.5A,125V,2.5M
503-0142-01	POWER SUPPLY, 15V, 24W, 100-240 VAC

USB Cord (with USB charging cradle)
008-0882-00	CABLE,USB 2.0,CHRGING/COMM CRADLE 6'

CDs/Guides
810-2711-02	KIT,CD,DFU ML,INSVC,PPQLT 1.6X
810-2775-02	KIT,CD,SW,PC UTIL 1.3X,ML,PPQLT (with USB charging cradle)
810-0409-10	BOOKLET,PRODUCTS AND ACCESSORIES
810-2212-04	INSTRUC, LANG SELECT, MULTILANG, PPQLT

Documentation/Cards/Label
810-0005-01	"DEAR CUSTOMER" NOTE
830-1067-03	DECLARATION OF CONFORMITY, PROPAQ LT
810-2816-00	ADDENDUM, PROPAQ LT 1.5X, MULTILANG
640-0647-01	LABEL, ICON DESCRIPTIONS
810-2663-00	PROPAQ LT VALUE CARD – Shipped w/Masimo Only

Others
630-0279-00	STRAP,CARRY,MOLDED,PROPAQ LT
900-0970-00	CONNECTOR PANEL PLUG,ONE,PROPAQ LT

Item Number	Item Description

LCDI ship-with cables

|	
660-0279-00	CABLE ASSY,USB TYPE A/B,20
660-0272-00	CABLE ASSY,USB TYPE A/B, 15'"
660-0269-00	CABLE ASSY,PWR,0.5M, PROPAQ LT DSPL CNVT
660-0268-00	CABLE ASSY,PWR,5.OM, PROPAQ LT DSPL CNVT

NOTE: All Ship-with accessories are also available for sale individually.

ADDITIONAL ACCESSORIES SOLD SEPARATELY

008-0290-00	Power cord DC 8' Cable for connection to fused DC power source *(As in an Ambulance)*

| 008-0882-00	Cable, USB 2.0, 6' for Charging Cradle. *(For connecting charging cradle to a PC for configuration or data download)*
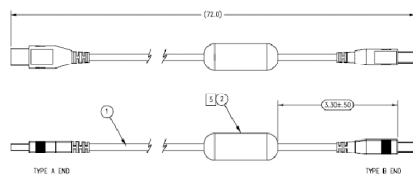
503-0142-01	Power Supply, 15V, 24W, 100-240 VAC
008-0913-00	Power Cord, **PLUG A**, 2.5A, 125V, 2.5M
008-0394-00	Power Conditioner Isolation Transformer, Medical Grade, 120 VAC, includes Power Cord *(For use w/008-0937-00)*
008-0397-00	Power Conditioner Isolation Transformer, Medical Grade, 120 VAC, includes Wall Mount and Power Cord *(For use w/008-0937-00)*

900-0970-00	KIT, Connector covers for Propaq LT SpO$_2$, ECG, USB and Charging Ports

Propaq® LT Monitor   SpO$_2$ Connector Seal   REF 900-0970-00

① ② ③ ④

WelchAllyn®

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www.monitoring.welchallyn.com
Phone: 503 530 7600
Phone: USA: 800-289-2500
Technical Services USA: 800-289-2501
Technical Services Fax: 503-526-4910

CE
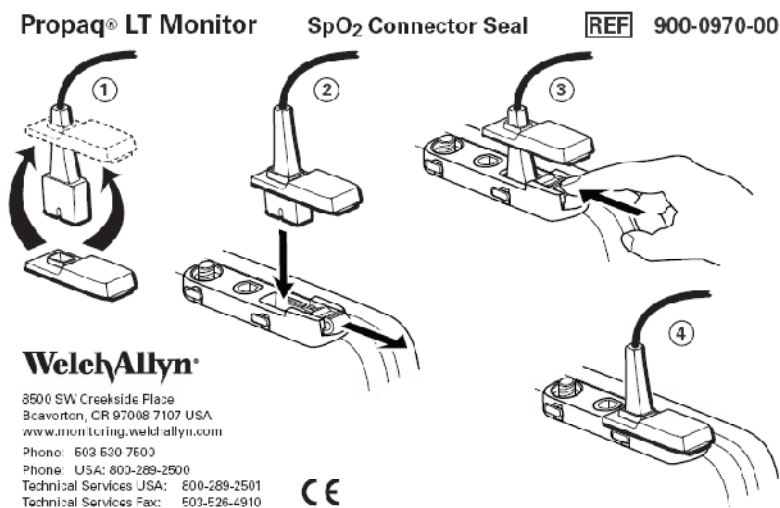
900-0925-00	Patient Wearable Strap with Belt ; Box of 20
900-0924-00	Patient Wearable Strap with Belt ; Box of 100

Figure 40. Patient-Wearable Strap
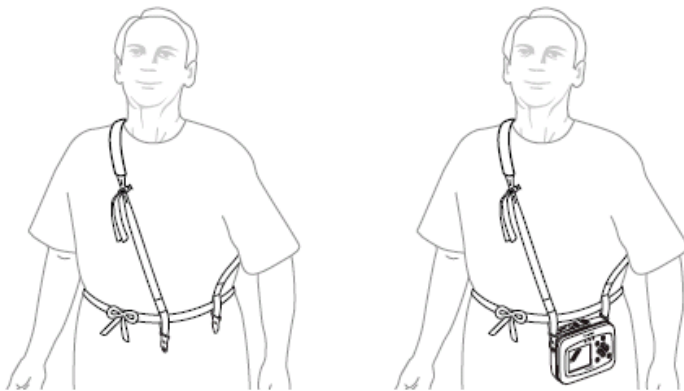
900-0918-00	Patient Carrying Strap, Box of 5

900-1008-00	Carrying Case, Propaq LT

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ECG ACCESSORIES IN DETAIL

3-Lead ECG Cables

ONE PIECE CABLES – No lead wires required:

008-0880-00   **ECG CABLE, 3 LEAD WIRES ATTACHED, SNAP, AAMI, 8'**

DIN CABLES - separate lead wires required:

008-0892-00   **ECG CABLE, 3 LEAD DIN, PROPAQ LT, AAMI, 8'** *(for use w/008-0323-00 lead wires)*

Micropaq® and Propaq® LT ECG Cable, 3 Lead, DIN, AHA (AAMI), 8'

REF 008-0892-00

LOT

CE

ECG Cable
Reusable

This cable meets the requirements
of the ANSI/AAMI standard, ECG
Cables and Lead Wires (ANSI/AAMI
EC53:1995 and A1:1998).
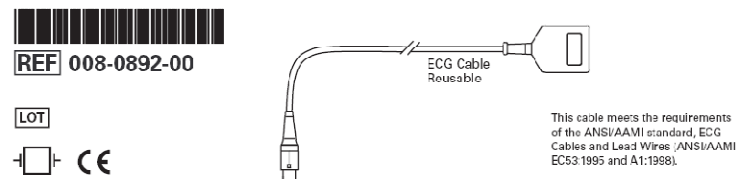
DIN LEAD WIRES AVAILABLE:

008-0323-00   **LEAD WIRE SET, 3 LEAD,.060 SFTY DIN SNAP AAMI**
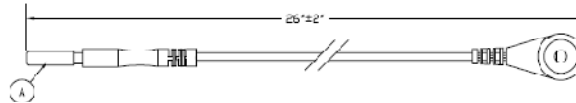
5-Lead ECG Cables

ONE PIECE CABLES – No lead wires required:

008-0522-00   **ECG CABLE, 5 LEADS WIRES ATTACHED SNAP, AAMI, 4'**

Micropaq® and Propaq® LT Monitor ECG Cable, 5 Lead AHA (AAMI), 4'

REF 008-0522-00

LOT

CE

ECG Cable
Reusable

This cable meets the requirements
of the ANSI/AAMI standard, ECG
Cables and Lead Wires (ANSI/AAMI
EC53:1995 and A1:1998).

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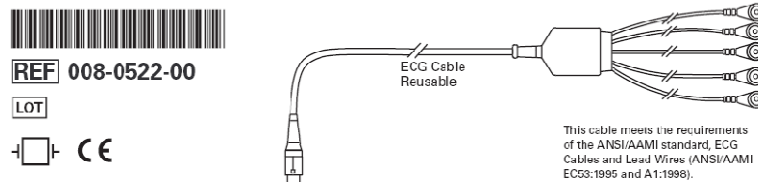
008-0879-00   ECG CABLE, 5 ATTACHED LEAD, SNAP, AAMI, 10'

Micropaq® and Propaq® LT ECG Cable
5 Attached Leads, Snap, AHA (AAMI), 10'

REF: 008-0879-00

LOT

ECG Cable
Reusable

This cable meets the requirements
of the ANSI/AAMI standard, ECG
Cables and Lead Wires (ANSI/AAMI
EC53:1995 and A1:1998).
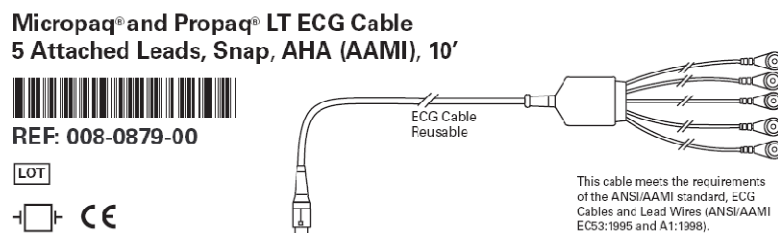
DIN CABLES - separate lead wires required:

008-0900-00   ECG CABLE, 5 LEAD DIN, MICROPAQ/PROPAQ LT, AAMI, 2'
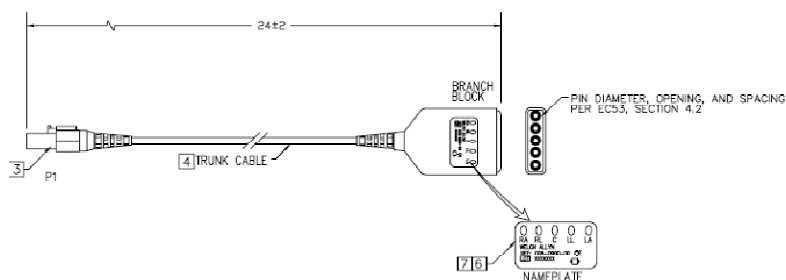
008-0881-00   ECG Cable, 5-Lead Din, Micropaq, Propaq LT, 8' for use with 008-0322-00 (AAMI)

DIN LEAD WIRES AVAILABLE:

008-0322-00   LEAD WIRE SET, 5 LEAD, DIN, SNAP AAMI
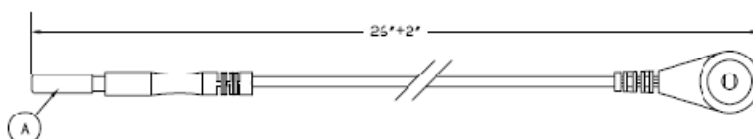
008-0319-00   LEAD WIRE, 5L, DIN, ADULT PNCH AAMI

ECG ADAPTOR CABLE:

008-0734-00   ECG ADAPTOR CABLE, PROPAQ LT ECG CABLE TO AAMI PROPAQ CS, 6'

NOTE:
All DIN lead wires can be used with any DIN cable!
This includes the use of 3-lead DIN lead wire sets in 5-lead DIN ECG Cable

Note: Never use an ECG cable longer than 10 feet including extensions. If you use an ECG extension cable with an ECG cable longer than 4 feet, the monitor acts as though no ECG cable is connected.

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LARGE COLOR DISPLAY

INTERFACE OPTION:

There are 2 different options for purchasing the Large Color Interface:

Option #1:

Customer already has a Propaq LT with a Charging Cradle/USB and wants to add the interface for a large color display. The customer will have to remove the bedrail holder from the back of cradle and mount the Interface to the cradle.

For this option you will need to order:

008-0917-00	Propaq LT Interface Box for Large Color Display

This part number comes with 4 screws + 20" USB Interface Cable + Power Cable.
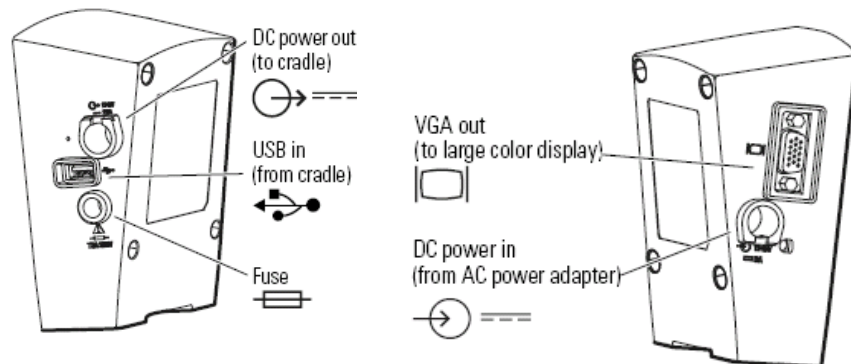
Figure 23. Mounting the Interface Box on the Cradle

40-mm screws
620-0432-00

18-mm screws
620-0433-00
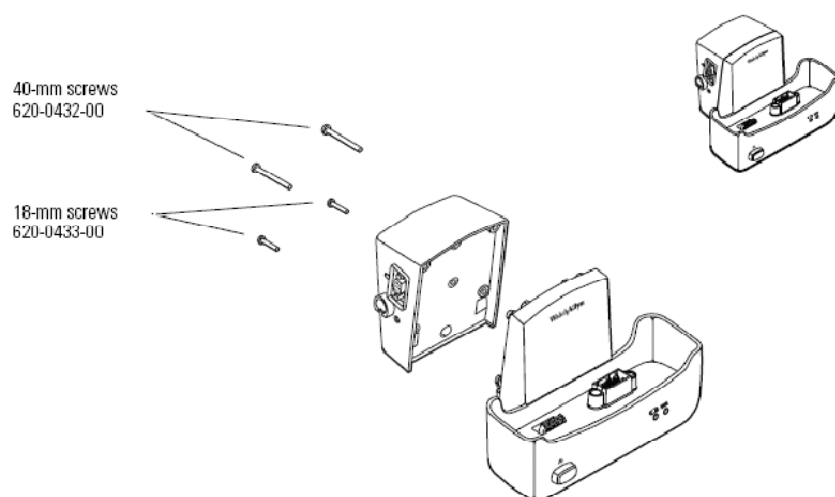
Option #2:

Customer can order a Charging Cradle/USB with the Large Color Display Interface already mounted to it instead of a bedrail hook.   Note - Propaq LT monitor will need to be ordered separately.

For this option you will need to order:

802LT0N-0E0 802LT0S-0E0	Propaq LT *Requires charging cradle to recharge batteries. Charging cradle sold separately*
008-0931-00	Charging /Communications Cradle with USB and Large Color Display Interface

NOTES ON THE LARGE COLOR DISPLAY FLAT PANEL:

▪ Customer may purchase a flat panel display from us, or source their own. If they source their own display, the display must meet the specifications for which the interface software was written.

008-0937-00	17" Color Flat Panel Display for Propaq LT Interface

▪ Customer may purchase one of two power conditioners for the flat panel display from us, or can source their own.

008-0394-00	Power Conditioner Isolation Transformer, Medical Grade

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008-0397-00	Power Conditioner Isolation Transformer, Medical Grade, with Wall Mount

REVISIONS			
REV	CO NUMBER	DWN BY	CHK BY
A	N050159	JPB 17 Jun 05	DLC 20 Jun 05

Specifications for Reference Only

DESCRIPTION:

17" Flat Panel Color Monitor

SPECIFICATION:

Size:	17 Inches (Diagonal)
Resolution:	1,280 dots x 1,024 lines minimum
Video Signal:	Analog RGB (0.7V p-p, 75 Ω)
Input Connections:	15 PIN D-SUB
Power Input:	100-240VAC, 50-60Hz: removeable power cord
Dimensions: (Wx H x D)	14.5" x 16.7" x 87" (wih stand)
Color:	Gray
Safety Marking:	UL, cUL, CSA cUS, CE marked (TUV, VDE or Equiv.)
Safety Conformance:	UL 1950, CSA 22.2, No. 950, EN60950
EMC Conformance:	All models: 47CFR Part 15, Class B, EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3
User Adjustments	Horizontal and Vertical position and size

WelchAllyn®

BEAVERTON, OR USA

DIMENSIONS ARE IN INCHES TOLERANCES ARE:	DWN BY: John P. Bender 07 Jun 05	DWG. TITLE:
	CHK BY: Donald L. Cox 20 Jun 05	MONITOR, 17", FLAT PANEL
.XXX = ± NA	_____	
.XX = ± NA		

ANGLES = ± NA	_____	SIZE:A	DRAWING NO:	008-0937-00	Rev. A
DO NOT SCALE DRAWING	_____	SCALE: NA		SHEET 16 OF 25	

MOUNTING OPTIONS: PROPAQ LT
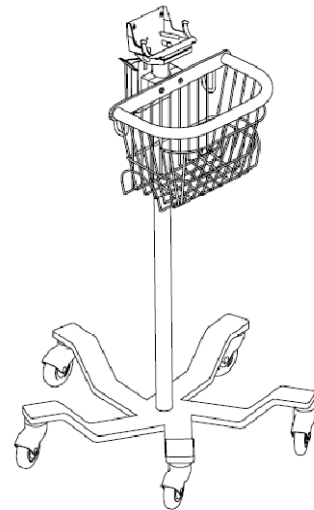
IV POLE MOUNTING

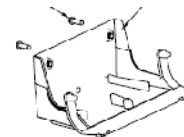| 008-0862-00	Propaq LT Charging Cradle IV Pole Mount
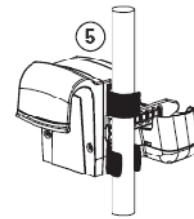
MOBILE STAND MOUNTING

KIT:

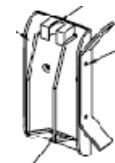| 008-0992-00	Propaq LT Roll Stand, Complete Kit Includes Roll Stand, Basket, Mounting Adapter and Power Adapter Bracket - NO OTHER PARTS NEED TO BE ORDERED

Replacement/Individual Parts:

008-0987-00	Monitor Mounting Adapter, Propaq LT Roll Stand

008-0994-00	Power Adapter Bracket, Propaq LT Roll Stand

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WALL MOUNTING

KITS:

| 008-0901-00	Wall Mount – **Short Arm Kit** – drop-in style, tilt/swivel. *This kit allows flush mounting of the monitor and power adapter to wall channel.* Includes wall channel, basket, mounting bracket and power adapter holder - NO OTHER PARTS NEED TO BE ORDERED
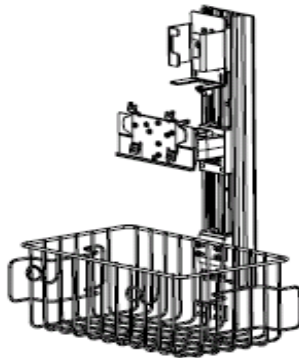
| 008-0903-00	Wall Mount – **Long Arm Kit** – drop-in style, pivot block. *This kit allows pivot arm mounting of monitor and power adapter to wall channel.* Includes wall channel, basket, mounting bracket and power adapter holder - NO OTHER PARTS NEED TO BE ORDERED

REPLACEMENT/INDIVIDUAL PARTS:

WALL CHANNEL POLYMOUNT 19"
STANDARD W/HARDWARE
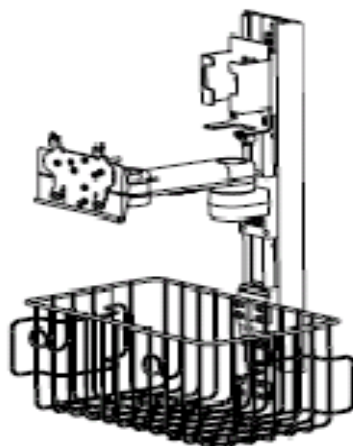
008-0203-00	Wall Channel, 19" (48.3 cm)
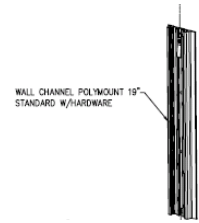
008-0980-00	6" Basket with Power Adapter hook

008-0902-00	Adapter Plate, drop-in style
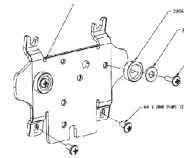
Note: this Adapter Plate allows the Propaq LT to drop on to any Propaq CS drop-on style mounting bracket!

| 008-0981-00	Power Supply Channel mounting bracket

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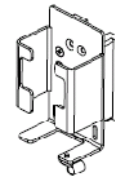
MOUNTING OPTIONS:
LARGE COLOR DISPLAY AND INTERFACE / PROPAQ LT
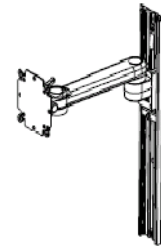
WALL MOUNTING:

KITS:

For Mounting the Flat Panel and Interface/Propaq LT together:

| 008-0983-00	Large Color Display Interface and Flat Panel Mounting Kit. *This kit allows wall mounting of monitor with LCD Interface, power supply and a Flat Panel Display.* NO OTHER PARTS NEEDED – COMPLETE LCD/Interface KIT
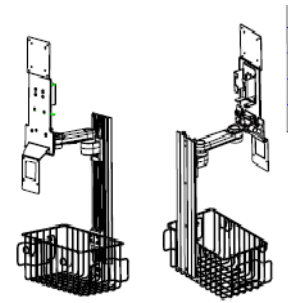
For Mounting the Flat Panel Display Only

008-0982-00	LCD, (Flat Panel) VESA Wall Mount Kit *This is an industry-standard mounting bracket that will fit most flat-panel displays*

REPLACEMENT/INDIVIDUAL PARTS:

008-0945-00	Wall Mount Bracket for Large Color Display Interface – Comes with power supply holster
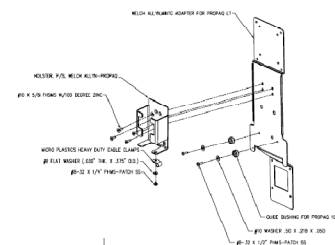
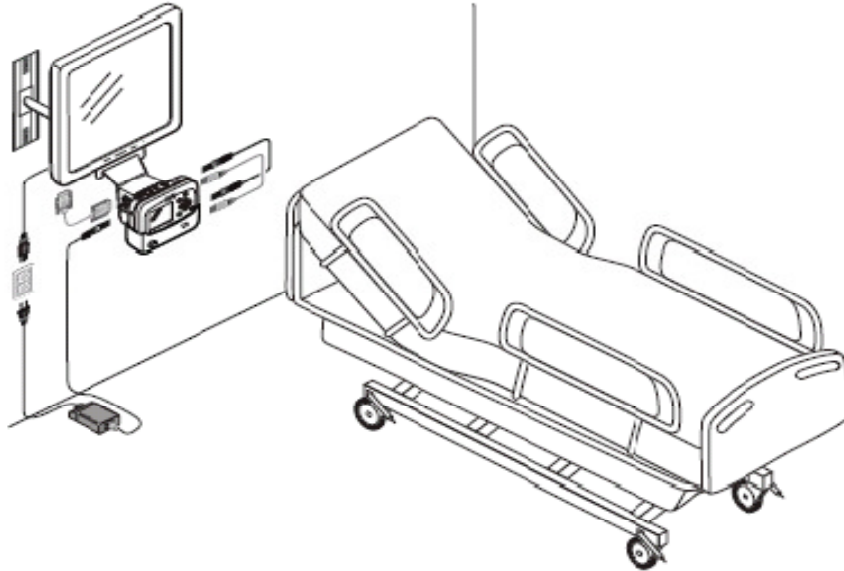| 008-0203-00	Wall Channel, 19" (48.3 cm) for LCD

008-0980-00	6" Basket with Power Adapter hook

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Monitor and Large Color Display Use Models
(A guide for ordering all necessary parts)

Use Model #1: Wall Mount for the Display, Propaq LT and Interface

Part Numbers needed for this Mounting Option

802LT0N-0E0 or 802LT0S-0E0 - Propaq LT without charging cradle

008-0931-00 – Charging cradle with USB and Large Color Display Interface attached

008-0937-00 – 17" Large Color Display (or customer can source a display that meets our specifications)
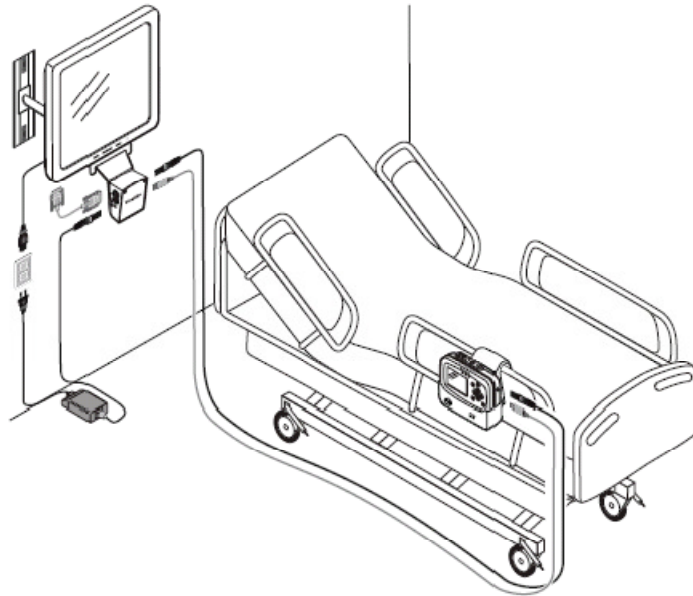
008-0983-00 – Large Color Display Interface and Flat Panel Mounting Kit

Replacement Cables if needed:
008-0947-00 - USB Cable, Type A/B, 20" for LCD Interface to Propaq LT (Gray Cable)
008-0949-00 – Power Cable, 20", for LCD Interface to Propaq LT (Black Cable)

Use Model #2: Wall Mount for the Display and Interface, Propaq LT at the Bedside

[Part Numbers needed for this Mounting Option](#)

**802LT0N-UE1 or 802LT0S-UE1–** Propaq LT with Charging Cradle/USB/Bedrail Hook

008-0984-00 – 15' USB + power cables and faceplate Kit

008-0917-00 – Propaq LT Interface Box for Large Color Display

008-0937-00 – 17" Large Color Display (or customer can source a display that meets our specifications)

008-0983-00 – LCD/Interface *complete mounting kit* (basket can be removed if not needed)

Use Model #3: Wall Mount for the Display, Propaq LT and Interface on a Table
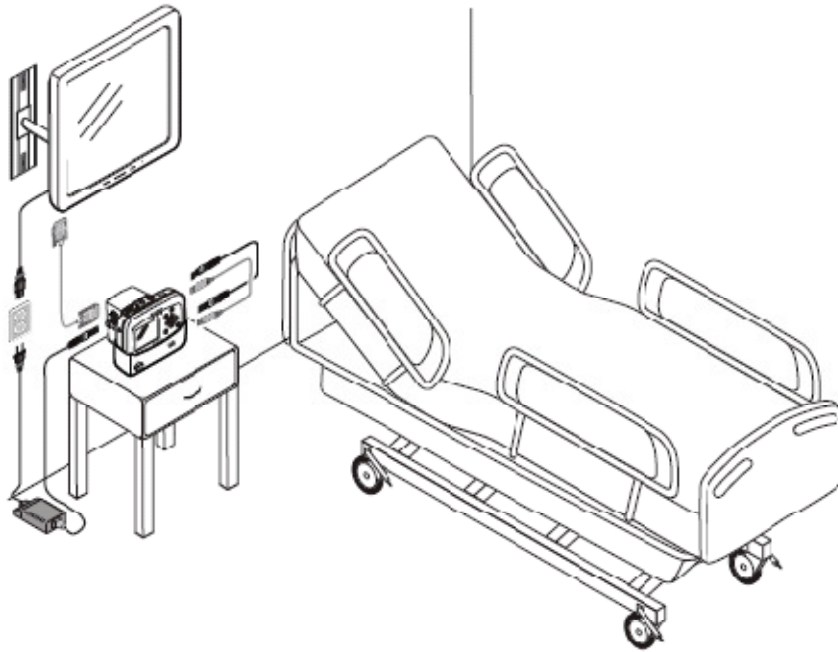
Part Numbers needed for this Mounting Option

802LT0N-0E0 or 802LT0S-0E0 - Propaq LT without charging cradle

008-0931-00 – Charging cradle with USB and Large Color Display Interface attached

008-0937-00 – 17" Large Color Display

008-0982-00 - LCD, Vesa Wall Mount Kit (for Flat Panel only)

Replacement Cables if needed:
008-0947-00 - USB Cable, Type A/B, 20" for LCD Interface to Propaq LT (Gray Cable)
008-0949-00 – Power Cable, 20", for LCD Interface to Propaq LT (Black Cable)

Propaq LT Features –Brief

Size	5.4" x 7.5" x 2.0"
Weight	2lbs fully loaded
Ruggedness	75 g
Bedrail Handle	In charging cradle
Patient Modes	Adult, Ped, Neo
Battery Life	8 / 24 hrs (ECG only)
Display Type	Color LCD
Display Size	3.5"
Traces	2
Navigation	Soft Keys
Base Vitals	3/5 Lead ECG, SpO2, NIBP, RESP
Optional Parameters	None
Pulse Oximetry	Nellcor or Masimo
Noninvasive BP	Oscillometric Step Deflation, Smartcuf NIBP
Trends	Tab / Graph; 24 hours
Printer	Printing thru PC utility
Warranty	2 years

Other Vendors

For Additional Pulse Oximetry Accessories and related information, contact:

1-949- 297-7000, or 1-800-326-4890 Option #1 for Customer Service

www.masimo.com

1-800-635-5267

http://respiratorysolutions.covidien.com/

For additional Mounting Option Accessories and related information, contact:

1-800-228-2555

www.gcx.com