



Service and Maintenance Toolset

Vital Signs Monitor 300 Series

The following tools are required to perform service and maintenance, as well as functional verification and calibration on the Welch Allyn Vital Signs Monitor 300 Series. Please note that these tools must also be readily available to complete Welch Allyn Technical Service Training for this device.

Required Service Tools and Test Equipment*

Material Number	Description	Quantity Required
06138-000	CAL-KEY, ASSY, M690/692	1
008-0842-00	Serial Cable Utility	1
01802-110	TESTER, CALIBRATION, 9600 PLUS	2
407672	BP TEST VOLUME REPAIR FIXTURE 113670	1
Customer Supplied	PRESSURE METER	1
008-0265-01	Neonatal cuff hose, 96-inch	1
5082-101-1	Disposable One-Piece Cuffs, Neo #1, 1-Tube (10/Box)	1
407590	Battery substitution connector	1
503-0147-01	DC Power Adapter	1
5088-01	Tycos air release valve and small bulb	1
008-0012-01	NIBP Calibration Kit	1
Only Required for Devices Equipped With Masimo SpO2		
1593	Functional Tester, SPO2 – not available through Welch Allyn	1
Only Required For Devices Equipped with Nellcor SpO2		
DOC-10	CABLE, SPO2 EXTENSION, NELCOR	1
SRC-MAX	NELLCOR PORTABLE OXIMETRY TESTER (MP506)	1

■ Indicates items only available from Welch Allyn or a Welch Allyn distributor.

Required Miscellaneous Off-the-Shelf Tools

The following tools are not available from Welch Allyn, but will be used in service and maintenance activities.

Description	Quantity Required
TORQUE DRIVER	1
TOOL_FLUKE, MULTIMETER, 187	1
TOOL BLOOD PRESSURE SIMULATOR	1
MISC TOOL, CPU W/ WIN XP O/S	1
SC TOOL, FLAT HEAD SCREWDRIVER	1
MISC TOOL, CORDLESS SCREWDRIVER	1
MISC TOOL, NEEDLE NOSE PLIERS, SMALL	1
MISC TOOL, NEEDLE NOSE PLIERS, MEDIUM	1
MISC TOOL, T STRIPPER	1
MISC TOOL, TWEEZERS	1
MISC TOOL, CABLE CUTTER	1



Required Miscellaneous Off-the-Shelf Tools (continued)

Description	Quantity Required
MISC TOOL, USB TO SERIAL CABLE	1
MISC TOOL, RS232 NETWORK CABLE	1
Power supply Variable, 0-8 VDC, 0.75 amperes (minimum), with voltage and current indicators (for 1mA current measurement)	1
Syringe, 60 mL, Slip tip, LuerBD (Becton, Dickinson) 309654 or equivalent	1

To place an order for your required tools, contact your Welch Allyn representative or call 1.800.535.6663. Pricing is subject to change without notice.

For more information on Welch Allyn Technical Service Training, visit www.welchallyn.com/service

*The listed tools meet the performance requirements necessary to perform service and maintenance, as well as functional verification and calibration as described in the Welch Allyn Vital Signs Monitor 300 Series™ Service Manual. For complete details on test procedures and parameters, please review the service manual.