OR Boom Cabling System for routing analog ECG and IBP signals through the operating room booms.

In this “Boom System” the analog output of the anesthesia monitor is connected directly to the nearest boom, a cable runs through the boom to the other booms where a shorter more direct cable connects the analog signal (ECG and IBP) to the respective defibrillator, balloon pump or ultrasound. Available custom length cables make this a neat installation.

**Part Number** | **Cables for Use from ME590414 to Devices listed below**
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ME590335 | AAMI 6 Pin (Zoll Defibs)
ME590265P | Balloon Pumps (ECG and IBP)
ME5900132 | GE/Marquette & Vivid 5 & Vivid 7 Ultrasounds
ME590151R | GE/Marquette Vivid 3 Ultrasound 2 Pin Redel AUX ECG Input
ME590132F | GE/Marquette Vivid i Ultrasound
ME590006K | LIFEPAK 12, 15 or 20 Defibrillators
ME590010X | Philips/HP 12 pin patient input (Defibrillator)
ME590338J | Ultrasounds (Philips or Acuson) Auxiliary ECG input

**Part Number** | **Cables for Use from ME590414 Plate Above**
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ME590410F | GE All with 7 pin Mini DIN analog output (X7)
ME590410P | GE PDM module
ME590410L | GE/Marquette 6 pin LEMO
ME590410 | GE/Datex S/S 4 pin LEMO
ME590410E | Philips/HP Monitor, 1/4” ECG, 1/8” IBP bifurcated
ME590410H | Siemens SC7000/9000XL or Draeger Delta/Delta XL (14 pin MDR) NOT Axiom Sensis
ME590410S | Spacelabs Monitor, TT253 ECG and TT253 IBP bifurcated.
Consider running signal cables through your operation room boom system.

MAGUIRE Enterprises Signal Boom System for the Operating Room

Can you visualize how this will help clean up your OR?

MAGUIRE Enterprises, Inc. manufactures interconnect cables that connect the analog output of your anesthesia monitor to your defibrillator, balloon pump and ultrasound devices which are also used in the operating room AND require an ECG and blood pressure waveform to function properly.

Without these cables, you would need to connect four ECG patient cables to the patient and use two invasive blood pressure transducers. Our cables allow you to connect one ECG patient cable and one IBP transducer.

In the Operating Room the patient is always monitored on the Multi-parameter Monitor located at the Anesthesia machine. Especially in a cardiac operating room, certain monitored parameters (ECG and IBP) will need to be replicated on a Defibrillator, Balloon pump and perhaps an Ultrasound unit.

For decades MAGUIRE Enterprises has been producing cables to interconnect these critical devices so that only one patient cable or transducer is connected to the patient. To implement the basic system, we provide an output multiplier that connects to the analog output of the anesthesia multi-parameter monitor, thus giving you three ECG waveforms and one IBP waveform. You can then connect the defibrillator, balloon pump and ultrasound unit for convenient use as needed.

The "Boom System" allows the analog output of the anesthesia monitor to connect directly to the nearest boom, a cable runs through the boom to the other booms where a shorter more direct cable connects the analog signal (ECG and IBP) to the respective defibrillator, balloon pump or ultrasound. Available custom length cables make this a neat installation.

Installation is simple and easy, with all of the unique parts supplied to make a professional system that is manufactured in an FDA compliant facility, documented and reproducible. This assures you that it will operate correctly (the first time) and you will be able to add to or replace any part of the system at a later date.

Our system includes stainless steel plates with isolated jacks for each end and *plenum cable to run between the booms, overhead through the ceiling. Cables are available for all monitors, defibrillators, balloon pumps and ultrasound devices.

We encourage you to order the universal cables (ME590414 and ME590414K See other side) that mount into the booms ... now ... so that you will have them when the room becomes available for installation.

* The plenum is an open space found above a building's dropped ceilings. Any cables which are being routed through above-ceiling air circulation spaces are therefore known as plenum cables, and need to adhere to special fire-safety standards. According to Article 800 of the National Electrical Code (NEC), plenum cables must comply with the specifications for flammability and smoke density outlined in Underwriters Laboratories (UL) and National Fire Protection Association (NFPA) testing methods.

Plenum-rated cables are distinguished from other types of cabling by the special types of plastics used in their jackets. Because plenum cables are routed through air circulation spaces which contain very few fire barriers, they need to be coated in flame-retardant, low smoke materials such as polyvinyl chloride (PVC), fluorinated ethylene polymer (FEP), or a polyolefin. These plastics offer good resistance against fire, and in the event that they do begin to burn, they will not emit large quantities of harmful fumes.

MAGUIRE Enterprises, Inc. 1-800-548-9686 www.MaguireEnterprises.com
See detailed product information at http://hackettgroup.org/mcart/index.cgi?code=3&cat=19