

# Appendix E Trolley

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**WARNING:** Be sure to connect the equipotential wire before inserting the power plug into the receptacle; be sure to remove the power plug from the receptacle before disconnecting the equipotential wire; otherwise electric shock may result.

When you connect another device to the trolley, you should use the equipotential wire to connect each of equipotential terminals; otherwise electric shock may result.

Connect the earth cable before powering ON. Disconnect the earth cable after powering OFF. Otherwise, electric shock may result.

DO NOT connect the trolley to the outlets with the same circuit breakers and fuses that control the current to devices such as life-support systems. If the trolley or the system malfunctions and generates over-current, or when there is an instantaneous current at power ON, the circuit breakers and fuses of the building's supply circuit may be tripped.

If UMT-500 has configured with display module, please take care of the display module position to leave enough space below when adjusting the display support arm, so that the display module will not hit into the monitor of the ultrasound system.



**CAUTION:**

When moving the trolley with mounted system, please take care of the connector of the power adapter in case of damage.

Maximum output power of the outlet in the trolley is 240VA.

## E.1 Configuration

### E.1.1 Standard configuration

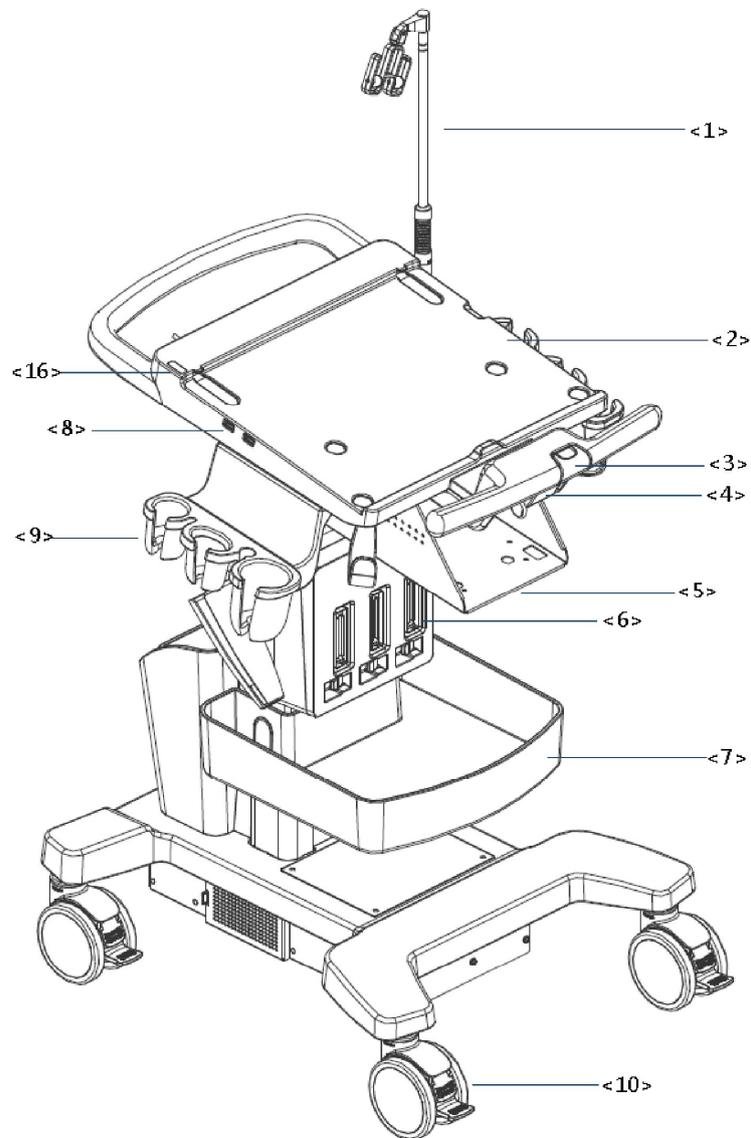
- UMT-500 accessories:
  - Probe & gel holder
  - Probe cable hook
  - Storage tray
  - Black / white video printer bracket
  - Storage basket
- UMT-500Plus accessories:
  - Power cord
  - Cover grounding cable
  - Probe & gel holder
  - Probe cable hook
  - Storage tray
  - Black / white video printer bracket
  - Storage basket
  - Auxiliary output cable

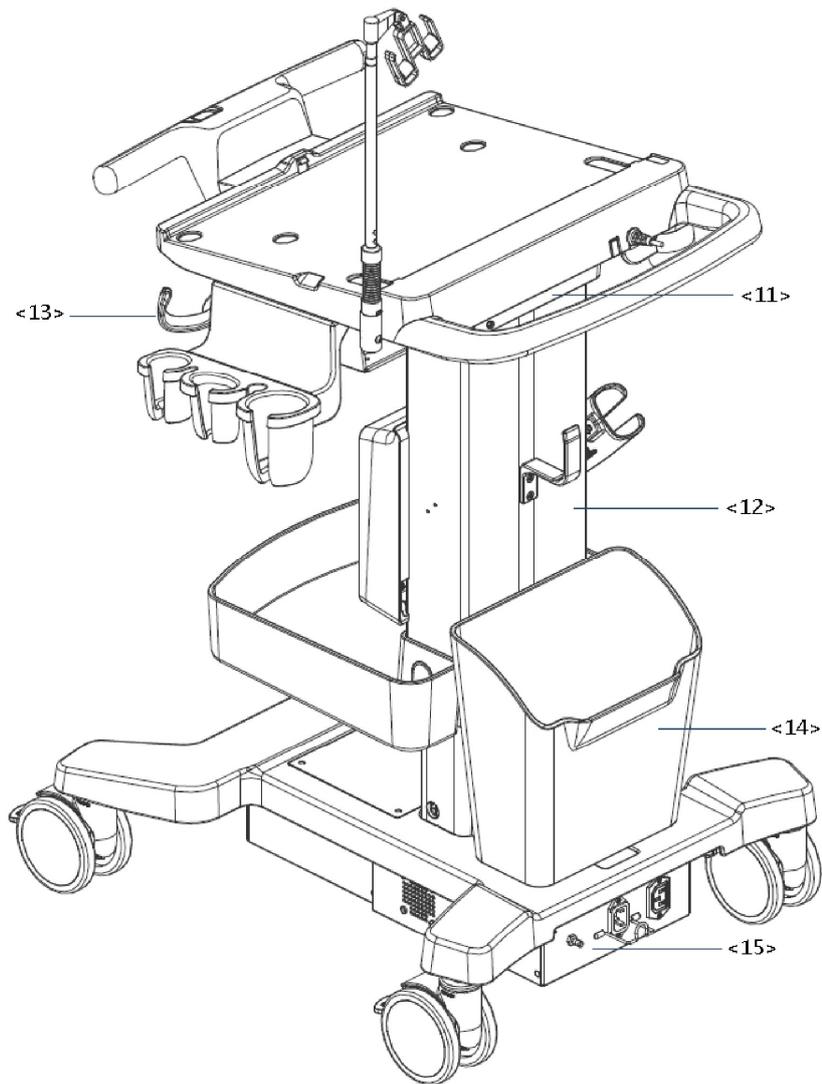
## E.2 Power supply

<b>Voltage</b>	100-240V~
<b>Frequency</b>	50/60Hz
<b>Input power</b>	500VA
<b>Fuse</b>	250V~T5AL, 250V~T5AH

<b>Battery voltage</b>	14.8V
<b>Capacity</b>	6600mAh (single battery)

### E.3 Introduction of Each Unit (taking UMT-500Plus as an example)

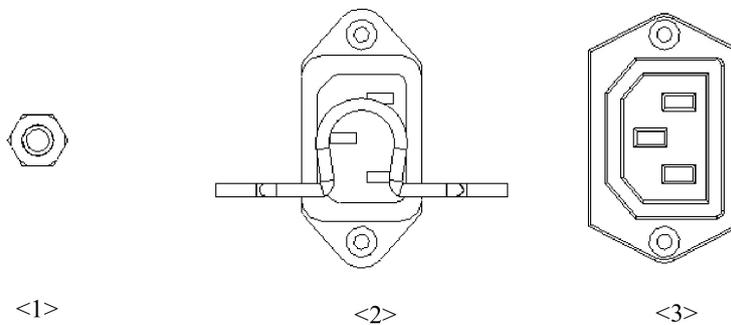




No.	Name	Function
<1>	Probe cable hook	Manage probe cable
<2>	Ultrasound main unit	Ultrasound system
<3>	Ascending/descending switch	Press to adjust the height of operation panel
<4>	Anti-theft lock	Used for fix the ultrasound system to the trolley.
<5>	Printer bracket	Used for place the printer
<6>	Probe extension module	Used for extend ports for connecting probes (optional)
<7>	Storage tray	Used for place the adaptor, gel and other stuff.
<8>	USB port 	Connects USB devices (2 ports)
<9>	Probe holder	Used for place probes temporarily
<10>	Caster	Used for securing or moving the system Step on the second footswitch to lock the trolley. Step on the first footswitch to unlock the trolley.

No.	Name	Function
<11>	Audio/video extender	Used for switch audio/video (optional)
<12>	Lifting column	Used for adjust the height of operation panel
<13>	Moveable hook	Manage probe cable
<14>	Storage box	Used for place report or other stuff.
<15>	Power supply panel	Used for offer output/input port, equipotential terminal for power supply.
<16>	Indicator	 Battery status indicator. Charging status: <ul style="list-style-type: none"> <li>● It illuminates in orange when batteries are charging;</li> <li>● It illuminates in green when batteries are charged fully.</li> <li>● It illuminates in green color when the power of the batteries is sufficient;</li> <li>● It illuminates in orange color for low battery power.</li> </ul> ~AC indicator <ul style="list-style-type: none"> <li>● The indicator is green at AC supply.</li> <li>● The indicator is off when batteries are supplied without AC supply.</li> </ul>

■ Power Supply Panel



No.	Name	Function
1	Equipotential terminal	Used for equipotential connection, balancing the protective earth potentials between the system and other electrical equipment.
2	Power inlet	AC power inlet
3	Power outlet	Supply power for optional peripheral devices (e.g. DVR)

The symbol  represents the equipotential terminal that is used for balancing the protective earth potentials between the system and other electrical equipment.

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