

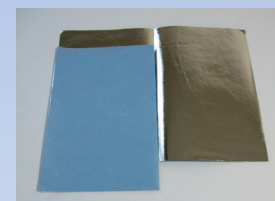
Features

LED lights and a magnifying lens

ASS7T includes two LED lights and a 2.3x magnifying glass lens with flexible arms. Flex arms enable users to set the position of the elements smoothly. LED provides directed illumination with little heat. The magnifying lens has a 4x inset lens and allows continuous eye contact with object when moving into magnification area.

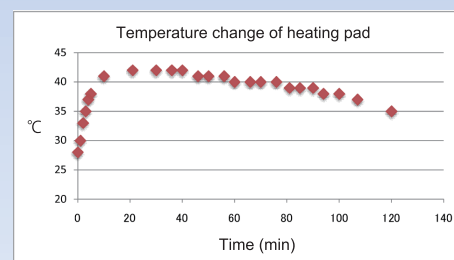
Heat retention blankets

Covering the anesthetized animals with the heat retention blanket protects them from hypothermia during operation. The blanket can also be used as a surgical drape by making a window on it.



Heating pads suitable for mouse and rat surgery

ASS7T includes four heating pads (SpaceGels™). SpaceGels™ produce heat by physical reaction, which continues for two hours (see right figure). They can be installed into the heat sink of the surgery platform to keep the body temperature of the animals in operation. Using two sets of two heating pads alternately will allow users to perform a long-time surgery. Used heating pads can be reactivated by boiling or autoclave. Since SpaceGels™ do not use electricity, they are available in the experiments where electric noise matters. We provide SpaceGels™ separately. Ask us for more information.



Specification ASS7T thermo-controlled surgical platform with heating gel pads

Component	Specifications	Component	Specifications
Magnifying lens	One 2.3x main lens (87 mm in diameter) with a 4.0x inset lens (20 mm in diameter)	Restraints	Four limb restraints
LED lights	Two LED lights (power unit: 100-240 VAC, 50-60 Hz)	Heating pads	Four SpaceGels™
Heat retention blankets	Two blankets: 40 cm (W) - 30 cm (L)	Surgical platform	Material: transparent acrylic Platform size: 34.5 cm (W) - 20 cm (L) Heat sink size: 20 cm (W) - 14.5 cm (L)

Specifications of SpaceGel™ heating pad with heating blanket set

Component	Specifications	Component	Specifications
SpaceGel™	Number of items: 4 Maximum temperature: 54°C Maximum heat duration time: 2 hours	Heat retention blanket	Number of items: 1 Size: 40 cm (W) - 30 cm (L)
Heat retention pouch for the mouse	Number of items: 1 Size: 10 cm (W) - 12.5 cm (L)	Heat retention pouch for the rat	Number of items: 1 Size: 22.5 cm (W) - 30 cm (L)