

# SLT-35-B

## HE-NE LASER SYSTEM

### FEATURES

He-Ne Laser irradiator is a physiotherapy device. Clinical practices have shown that irradiating He-Ne laser can stimulate the disease position and improve circulating, enhance metabolism and advance wound cure. It has function of relieve pain, diminish inflammation, dilate blood vessel.

The helium-neon (He-Ne) laser is monochromatic and emits a visible, red laser beam with a wavelength of 632.8 nm that penetrates the skin to a depth of 0.8 mm without divergence and offers some divergence up to 10 to 15 mm. A therapeutic dosage of 15 to 20 seconds at a maximum intensity of 0.95mW produces a low-level output (14-29 mJ) that will not produce tissue heating.

Known as "cold" or "soft" lasers because of their lack of heat-producing capabilities, He-Ne lasers have been used recently in the treatment of a large range of pathological conditions including enhancement of wound healing, reduction of pain in patients with arthritis, and management of orthopedic problems.



## SPECIFICATIONS

Class of laser	Sealed Helium Neon laser	
Model	SLT-35-B	SLT-35-C
Laser power	One: 40mW	Two in one: 70mW
Wavelength	632.8nm	
Power stability	$\pm 10\%$	
Power recurrence	$\pm 10\%$	
Way of irradiation	Optical fiber	
Time setting function	0 - 99 minutes	
Time error	$\pm 10\%$	
Power supply	AC 220/100V 50/60Hz	
Dimension	400x500x1240mm	
Total Weight		

## ACCESSORY

beam expander  
telescope tube



single channel  
output fiber



twin channel  
output fiber



## APPLICATIONS

The instrument is apply to bed sore, skin ulcers, burn, fracture, urgent parenchyma trauma, whitlow bleb, faucitis, stomatology ulcer and so on. It is especially suitable for veterinary use.



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