

RLT-24 Veterinary Laser Therapy

RWD

# A NEW METHOD OF ANIMAL TREATMENT

Quick start

Good effect

Wide indications



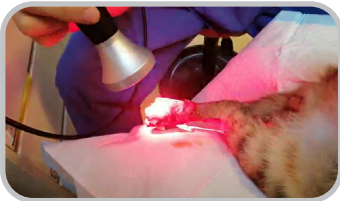
RWD Veterinary Laser Therapy, Easy & Safe



# What Is Veterinary Laser Therapy?

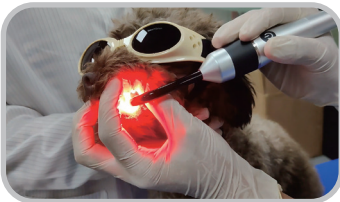
Veterinary laser therapy is an innovative treatment that has gained popularity in recent years as veterinarians discover its benefits for pets. Therapeutic lasers use light waves of a specific wavelength to cause photobiomodulation, or the alteration of cellular and tissue physiology. Light absorbed by cellular components stimulates electrons and activates cells to promote growth, proliferation, migration, and repair.

## RLT-24 Veterinary Laser Therapy: Therapeutic Effects



### Pain Relief

Laser decreases nerve sensitivity by decreasing bradykinin. It normalizes ion channels and releases endorphins and enkephalins that produce an analgesic effect.



### Anti-inflammatory

The light from the laser can decrease the release of pro-inflammatory chemicals, thus reducing the inflammatory signals in the region.



### Accelerated Tissue Repair and Cell Growth

Laser light stimulates fibroblast development in damaged tissue. And photons of light from lasers penetrate deeply into tissue and accelerate cellular reproduction and growth.

## Product Features

RLT-24 Veterinary Laser Therapy are mainly used by veterinary hospitals, agricultural and forestry colleges and scientific research institutions, responsible for the diagnosis, treatment, and surgery of pet diseases, research on animal diseases, animal surgery, and for development of relevant veterinary clinical technology and clinical basic research. The product can output four wavelength lasers of 650nm, 810nm, 915nm and 980nm, including three working modes: CW, pulse and ISP, designed to provide convenient, safe, cost-effective and portable veterinary laser therapy device for domestic and foreign veterinarians, meeting the treatment needs of most veterinarian users in the market.



### 1300+

Built-in more than 1300 treatment plans (including Canine, Feline, Exotic, Equine).

### 3 Modes

CW, Pulse and ISP. The combination of multiple modes can improve the treatment efficiency, reduce thermal burns, and intensify laser treatment.

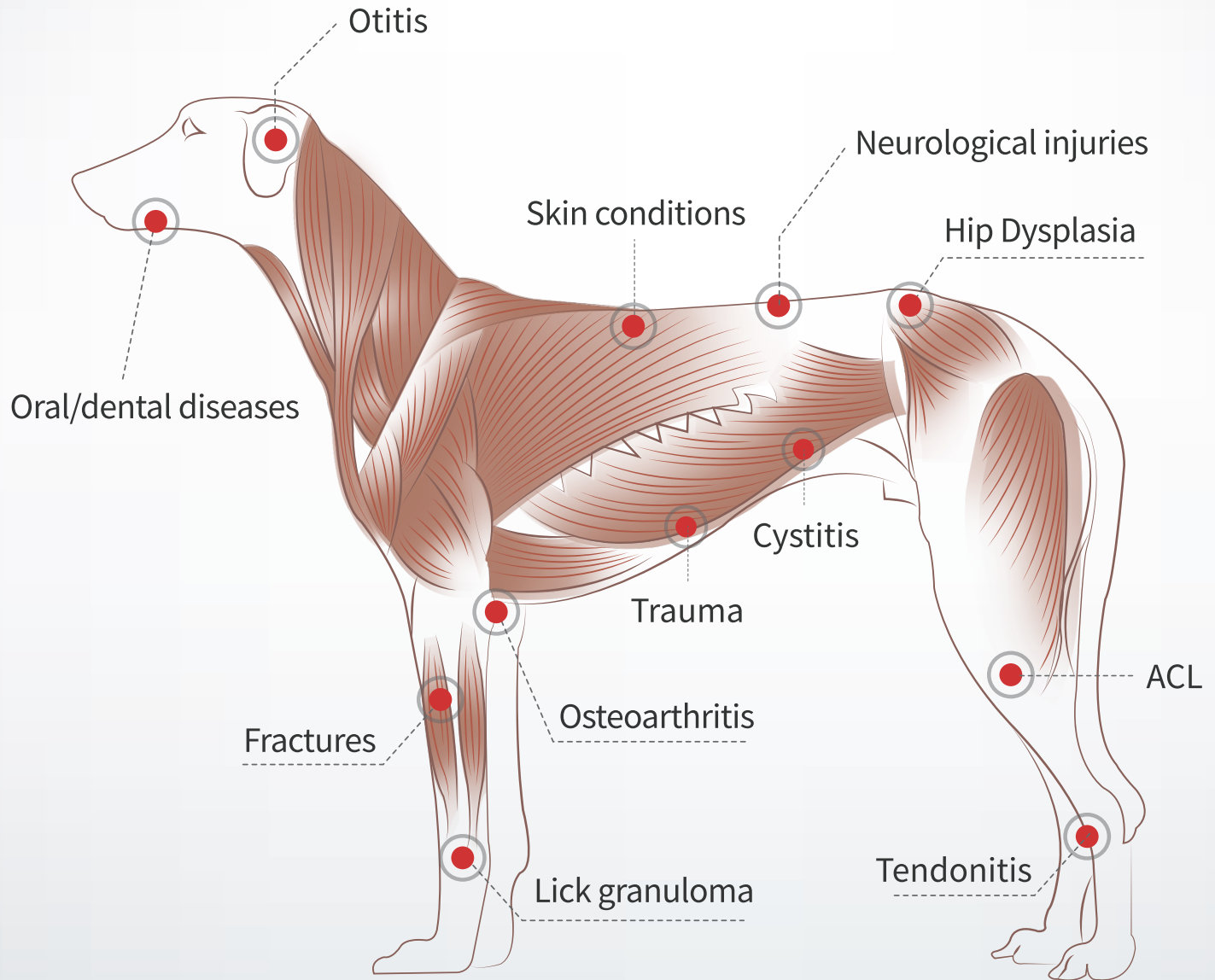
### 24 W

The laser power is up to 24W, with remarkable treatment effect.

### 4 Wavelengths

650nm, 810nm, 915nm and 980nm; A wider range of clinical applications.

# Indications



# Accessories



## Five Lens

Zoom Optical

Massage Optical

Plus Optical

Massage Plus Optical

ENT acupuncture handpiece

## Toolbox

Store lens and optical fibre handpiece to protect from loss



## Protective Goggles

3 operator goggles

Animal Goggles set of 3

Professional laser goggles, high safety level, protect the eyes from harm.



# Configuration and Parameters

Name	Quantity	Usage description	Remarks
Veterinary Laser Therapy	1	Laser therapy	
Optical fibre handpiece	1	Laser transmission and control	
Lens	5	Change the beam size to realize optimal treatment and diversity	
Protective goggles	6	3 for staff and 3 for animals for eyes protection	Standard
Interlock	1	The interlock should be connected to the device to prevent any personnel entering the room and being exposed to the laser irradiation	
Power adaptor	1	Device power input	
Toolbox	1	Store lens and optical fibre handpiece	

Parameter	Details
Laser Source	High powered laser diode module
Screen Size	7-inch LCD touch screen
Screen Pixels	1024×600px
Device Size	290×242×270mm
Net Weight	Not more than 4.5KG
Battery Capacity	2600mAh
Aiming Beam Wavelength	650nm
Aiming Beam Power	< 25mW
Frequency	1~20000Hz
Wavelength Combinations	650nm, 810nm, 915nm, 980nm
Output Power	CW mode, max power 24W Pulse mode, max average power 12W ISP mode, peak power 28W



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